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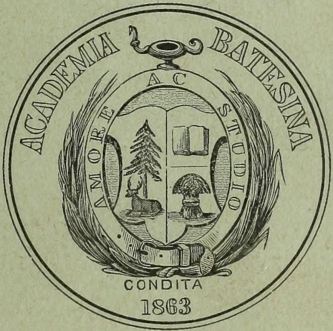
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CATALOGUE

OF

BATES COLLEGE

LEWISTON, MAINE.

1895-96.

LEWISTON, MAINE:
PRINTED AT THE JOURNAL OFFICE.
1895.

CALENDAR – 1896

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CALENDAR.

1895.

Sept. 10—Fall Term begins, ... Tuesday.
Nov. 28—Thanksgiving Day, Holiday, ... Thursday.
Dec. 6—Fall Term closes, ... Friday.

1896.

Jan. 7—Spring Term begins, ... Tuesday.
Feb. 27—Day of Prayer for Colleges, ... Thursday.
Mar. 27—Spring Term closes, ... Friday.
April 7—Summer Term begins, ... Tuesday.
June 17–20—Examination of the College Classes, Wednesday–Saturday.
" 21—Baccalaureate Exercises, ... Sunday, 2.30 P.M.
" 21—Sermon before the College Christian Associations, Sunday, 7.45 P.M.
" 22—Sophomore Prize Debate, ... Monday, 2.30 P.M.
" 22—Junior Exhibition, ... Monday, 7.45 P.M.
" 23—Annual Meeting of the Alumni, ... Tuesday, P.M.
" 23—Class Day Exercises, ... Tuesday, 2.30 P.M.
" 23—Concert, ... Tuesday, 7.45 P.M.
" 24—Examination for Admission to College, Wednesday, 9 A.M.
" 24—Annual Meeting of the Corporation, . Wednesday, 9 A.M.
" 24—Reception to Graduates by Members of Faculty, Wednesday, 2 to 5 P.M.
" 24—Literary Exercises of the Alumni, . Wednesday, 7.45 P.M.
" 25—Commencement, ... Thursday, 10 A.M.
" 25—Address before the Literary Societies, Thursday, 7.45 P.M.
" 26—President's Reception of the Graduating Class, Friday, 8 P.M.
Sept. 7—Examination for Admission to College, . Monday, 2 P.M.
" 8—Fall Term begins, ... Tuesday.
Dec. 4—Fall Term closes, ... Friday.

GENERAL INFORMATION.

FOUNDATION.

Bates College grew out of the Maine State Seminary, chartered in 1855. In 1862 sixteen young men in this school petitioned the Trustees to provide facilities for collegiate instruction. In the fall of 1863 the first Freshman class was admitted, and in the winter of 1864 a new charter was secured, and Maine State Seminary became Bates College. In 1868 the preparatory school, which had been continued in connection with the college, was removed to a building erected for its use, and began its separate existence as the Latin School. The name Bates College was given by the Trustees in grateful acknowledgment of the generosity of Mr. Benjamin E. Bates of Boston, Mass., one of the founders of the city of Lewiston. Mr. Bates had taken a warm interest in the Seminary, and it was his encouragement, with a subscription in 1853 of $25,000, which led to its development into the college. To this sum he subsequently added $75,000. Mr. Bates died in 1877. Other friends have generously aided the institution, but none of their benefactions have equaled in amount the gifts of its founder.

Lewiston, in which the College is situated, is the second city in population in Maine, having about twenty-five thousand inhabitants. It is on the east bank of the Androscoggin, thirty-five miles north-east of Portland. It is connected by four bridges with Auburn, a city with twelve thousand inhabitants, on the opposite bank of the river. The two cities are among the most enterprising and progressive in the East. Many of their public buildings are exceptionally beautiful and substantial. Their excellent public schools are constantly bringing to the two cities from all parts of Maine, and even from adjoining States, parents eager to secure a good education for their children. The Latin School, the Lewiston High School, and the Edward Little Institute of Auburn, rank among the best preparatory schools in New England. The pulpits of Lewiston and Auburn are occupied by able and scholarly men, and residents of few towns have better facilities

for hearing the representative lecturers and orators of our country. The two cities are remarkably healthful, are situated amid some of the most beautiful scenery of the Androscoggin valley, and combine in a rare degree the educational influences afforded by the presence of business energy, of scholarly leisure, and of attractive environments. They are a little more than four hours distant from Boston, and are accessible from all directions by means of three railways,—the Grand Trunk and two lines of the Maine Central. The college grounds consist of fifty acres in the suburbs of Lewiston. They have great natural beauty and command fine views of the surrounding country. From the summit of Mount David, given by Mrs. Archibald Wakefield and the late Mrs. John M. Frye, as the site for an astronomical observatory, the White Mountains, more than fifty miles away, are distinctly visible.

CHARACTER OF THE COLLEGE.

The college is unsectarian in all its aims and methods, but it is unequivocally Christian. Breadth and thoroughness are sought, not only in literary and scientific attainments, but in moral and spiritual culture. What are called the vices of student life are practically unknown at Bates. No student can be a member of the college without taking and keeping a pledge to abstain from alcoholic drinks. Hazing has never been tolerated. A large percentage of the students are actively religious, and among them are represented nearly all the religious denominations of New England. It has been the constant aim of the college to encourage and aid students of limited means and to exclude such habits and customs as lead to extravagant and unnecessary expenditures. From its organization in 1863, the college has received young women on the same terms with young men, thus beginning on the Atlantic sea-board the movement for the higher education of women.

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TERM EXPIRES IN 1900.

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*Belcher Professor of Greek and Latin Languages.

REV. THOMAS L. ANGELL, A.M.,

Professor of Modern Languages.

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Professor of Mathematics.

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WILLIAM C. STRONG, A.M.,

Professor of Physics.

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Librarian.

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*Endowed by Mrs. Sarah S. Belcher.

†Endowed in memory of the late Prof. Richard C. Stanley.

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AURELIA SPRINGER, M.D.,

Medical Advisers for the Gymnasium.

W. W. BOLSTER, Jr., A.B.,

Director of the Gymnasium.

Miss MARY BUZZELL,

Assistant in Gymnasium.

FACULTY OF THE COLLEGE.

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JOHN H. RAND, A.M.

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WILLIAM H. HARTSHORN, A.M.

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L. G. JORDAN, *Secretary.*
W. H. HARTSHORN, *Registrar.*

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PRESIDENT CHASE,
PROF. ANGELL,
PROF. RAND.

COMMITTEE ON ATHLETICS.

PROF. JORDAN,
PROF. HARTSHORN,
PROF. STRONG.

TERMS OF ADMISSION.

The requirements for admission to the Freshman class are as follows:

Latin.

Six Books of Virgil's Æneid;
Four Books of Cæsar's Gallic War;
Six Orations of Cicero;
Thirty Exercises in Jones's Latin Composition, or an Equivalent;
Latin Grammar, including Prosody;
Translation of Easy Latin at sight.

Greek.

Four Books of Xenophon's Anabasis;
Two Books of Homer's Iliad;
Twenty Exercises in Jones's Greek Composition, or an Equivalent;
Greek Grammar;
Translation of Easy Greek at sight;
Ancient History and Geography.

Mathematics.

Arithmetic, including the Metric System, Bradbury and Emery's Algebra, and Plane Geometry, or Equivalents.

French.

After 1896 Part I. of Keetel's Collegiate Course, or an Equivalent.

English.

I. The correction of sentences faulty in syntax, diction, or construction.

II. The writing of an essay upon some subject taken from one of the books named in III.

III. *Reading.* The candidate will be required to present evidence of a general knowledge of the subject matter of the books read, and to answer simple questions on the lives of the authors. The books set for this part of the examination will be:

1896.—Shakespeare's Midsummer Night's Dream; Defoe's History of the Plague in London; Irving's Tales of a Traveller; Scott's Woodstock; Macaulay's Essay on Milton; Longfellow's Evangeline; George Eliot's Silas Marner.

1897.—Shakespeare's As You Like It; Defoe's History of the Plague in London; Irving's Tales of a Traveller; Hawthorne's Twice Told Tales; Longfellow's Evangeline; George Eliot's Silas Marner.

1898.—Milton's Paradise Lost, Books I. and II.; Pope's Iliad, Books I. and XXII.; The Sir Roger De Coverley Papers in the *Spectator;* Goldsmith's Vicar of Wakefield; Coleridge's Ancient Mariner; Southey's Life of Nelson; Carlyle's Essay on Burns; Lowell's Vision of Sir Launfal; Hawthorne's The House of the Seven Gables.

IV. *Study and Practice.* This part of the examination presupposes the thorough study of each of the works named below. The candidates will be examined upon subject-matter, form, and structure. The books set for this part of the examination will be:

1896.—Shakespeare's Merchant of Venice; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Webster's First Bunker Hill Oration.

1897.—Shakespeare's Merchant of Venice; Burke's Speech on Conciliation with America; Scott's Marmion; Macaulay's Life of Samuel Johnson.

1898.—Shakespeare's Macbeth; Burke's Speech on Conciliation with America; De Quincey's Flight of a Tartar Tribe; Tennyson's The Princess.

Graduates of preparatory schools whose methods and courses of study are approved by the Faculty of the College, may be admitted provisionally, upon the certificates of the principals of such schools. The certificates must clearly show that the amount and quality of the work done by those who present them are equivalent to the published requirements of the College. At the close of the first term all who have done scholarly work and maintained satisfactory deportment will be admitted to full standing. No student will be admitted to the College without giving proof of a good moral character.

All candidates for advanced standing will be examined in the preparatory studies, and also those previously pursued by the class they propose to enter, or in other studies equivalent to them.

Certificates of regular dismission will be required from those who have been members of other colleges.

The regular examinations for admission to College take place on Wednesday preceding Commencement, and on Monday preceding the first day of the Fall Term.

The examinations for admission to College will be both written and oral.

No special students are admitted to any of the College classes.

COURSES OF INSTRUCTION.

It is the aim in each department to exemplify the methods and results of a scholarship at once sound and progressive. All the work of the Freshman year is required. Electives are introduced in the Sophomore year and are increased in number as the course goes on. The essentials of a liberal education are constantly kept in view and the attainment of knowledge is made tributary to the love of study, the habit of investigation, and the tastes and aptitudes of the scholar. The individuality of students is recognized and encouraged without the sacrifice of breadth and thoroughness. Class-room work is supplemented by original observation and research and by a systematic use of the College Library.

Philosophy.

The subjects assigned to this department occupy the time allotted to one daily study for the three terms of the Senior year, Logic in the Spring term being elective.

The mode of instruction combines lectures, recitations from text-books, collateral reading, and essays upon assigned topics. In Psychology due attention is given to recent physiological investigations and to the history of the evolution of theories of knowledge, and also to the practical bearing of psychological truths upon the formation of character and upon successful work in the higher avocations. The aim constantly kept in view is not to secure the memorizing of words, but habits of exact and inquisitive thought.

In Logic, special effort is made to elucidate the mental processes employed in the formation of concepts, in deductive Logic, and especially in Induction and the Scientific Method. Attention is specially directed to the grounds of induction and of the validity of knowledge, and, as much as the time allows, to historic inquiry into the rise and relationships of the various schools of philosophic thought.

In Ethics, besides an examination and criticism of the principal phases of ethical theory and a study of the applications of ethical principles to correct thinking and to the conduct of life, the origin and evolution of ethical ideals are traced and the corresponding moral progress of the historic races; also the help afforded by Christianity to that progress and to the attainment of an ultimate ideal.

Beginning with 1895, one hour each week will be given during the Freshman year to instruction in Christian Ethics. The aim of this course will be to show that both individual excellence and social progress are dependent upon the application of Christ's teachings to the problems of character and conduct presented in the life of to-day; and that the adaptation of Christianity to human needs and aspirations is an abiding proof of its divine origin. The teachings of the text-book used will be supplemented by talks, lectures, and discussions. There will be a constant endeavor to make the work practical.

Greek and Latin.

In addition to a critical study of Latin and Greek special attention is given to the history and philosophy of the Greeks and Romans, their political institutions, religion, art, amusements, and domestic life.

The study of Greek and Latin is required throughout the Freshman year, four recitations a week in each. Greek is studied in the winter term of the Sophomore year and Latin in the spring. In Latin each year are generally read one of the books of Livy, one of the philosophical treatises of Cicero, some of the odes, epodes, satires, and the Ars Poetica of Horace, either the Germania and Agricola of Tacitus or extracts from his Histories or Annals, some of the satires of Juvenal, and occasionally portions of Lucretius. In the Greek course are read extracts from Herodotus and Thucydides, some of the orations of Demosthenes or Lysias, one of the tragedies of Æschylus, Sophocles, or Euripides, and one of the dialogues of Plato. Occasionally the classes read portions of Xenophon's Memorabilia and of Homer's Odyssey, some of the odes of Pindar, and the Clouds of Aristophanes. A part of each recitation hour is devoted to reading at sight.

Modern Languages.

German is studied by the Junior class throughout the year, and French by the Sophomore class two terms. In the Summer Term, Advanced German or French is elective to Seniors and Juniors. The course of study is so arranged in each language that a thorough knowledge of its grammar, readiness in ordinary composition, a well-trained ear, and familiarity with the chief works of some of the best authors, may be acquired.

While, of course, some time is devoted to conversation, especially in preliminary study, still it is not the leading aim in the instruction to enable the student to converse fluently. The time given to each language does not admit of this, nor is the class-room best adapted to training in the ordinary conversational idiom. This may be pursued more profitably elsewhere. The end sought is to enable the student so thoroughly to master the language pursued that he may appreciate and enjoy its masterpieces, and may use it skillfully in other and varied departments of study to which he may subsequently devote himself. Beginning with the fall of 1897, elementary work in French, as prescribed under Terms of Admission, will be required for admission to the Freshman class.

English, Rhetoric, and Oratory.

FRESHMAN YEAR.

1. A critical study of poems selected from Tennyson. One hour a week during the year. This work includes the application of English prosody, interpretations, paraphrases, occasional essays, and the various means by which it is believed that students may be led to read and appreciate the best English poetry.

2. Elementary Rhetoric. One hour a week during the year. The aim of this course is to correct the faults in the use of language, spoken and written, with which many students enter college, and to assist them in the formation of a good style.

3. Six themes during the year, two each term. The subjects for these themes are selected with a view to the development of the love of good reading, of the power of vivid narration and description, and of the delineation of character.

4. In the first term, prize declamations, for which every member of the class is prepared by special instruction and drill;

in the second and third terms, declamations by every member of the class, with both general and individual instruction.

SOPHOMORE YEAR.

1. Rhetoric, constructive and critical. As much attention as possible will be given to practice and composition. Four hours a week during first term.

2. In the second term, study of selected poems in connection with the lives and times of their authors. Twice a week.

3. In the first term, prize debates by divisions of the class. The subjects are announced at the close of the first term of the Freshman year, and every argument is expected to give evidence of careful reading and vigorous thinking during the year following the announcement of the questions. In the second term, two themes are required from each member of the class. In the third term, during Commencement week, occurs the Champion Sophomore Prize Debate, participated in by speakers chosen from those presenting the best arguments in the debates of the first term. The remaining members of the class present each an essay in competition for a prize for the best theme upon a prescribed subject.

4. In the second term, prize declamations, with special drill for every member of the class.

JUNIOR YEAR.

1. History of English Literature. Once a week. Fall term.

2. Critical Study of Plays from Shakespeare and of Poems selected from Milton, Wordsworth, etc. Required reading in the works of the great writers of the Elizabethan age. Five times a week. Fall term.

3. An essay in criticism of one of Burke's or of Webster's Speeches, with special reference to the laws of Persuasion. Fall term.

4. Original prize declamations upon assigned subjects. Each member of the class reads his part before a committee by whom the best twelve parts are selected to be delivered in a prize contest, Commencement week. The best part remaining receives a prize.

5. Six lectures on Literary Criticism, with special reference to works of fiction. Spring term.

6. Critical study of poems from Browning (elective). Summer term, 1896, or critical study of English essayists (elective), 1897. Five hours a week.

SENIOR YEAR.

1. An essay by each member of the class in criticism of some classic in English or American fiction. Fall term.

2. History of the English Language (elective). Six weeks during Spring term.

3. Critical study of Chaucer; Prologue to Canterbury Tales and two of the Tales. Topical study of English History in the time of Chaucer in connection with the examination of his poems (elective). Six weeks. Spring term.

4. Senior Exhibition, original parts. Each member of the class reads his part before a committee, by whom twelve are selected to speak in the Exhibition. Spring term.

5. Commencement parts. Each member of the class writes, but the speakers for Commencement are selected for scholarship.

6. Critical study of poems from Browning (elective). Summer term, 1896, or critical study of English essayists (elective), 1897. Five hours a week.

Mathematics.

The study of Mathematics is pursued throughout the first two years of the course; there being four recitations weekly during the first year and five the second. The Freshman year is devoted to Algebra and Geometry. The course in Algebra begins with quadratic equations and covers all that can be thoroughly taken in eighteen weeks, including proportion, series, indeterminate co-efficients, choice and chance, continued fractions, variables and limits, the binomial theorem, logarithms, higher equations, the graphical representation of functions, etc. About half of the remainder of the year is given to the study of demonstrated work in Solid and Spherical Geometry; the other half is devoted to original demonstrations of theorems in Plane, Solid and Spherical Geometry. Especial emphasis is placed upon this original work, it being considered of the highest disciplinary value. Original demonstrations of over five hundred problems and theorems are required of the class.

Plane and Spherical Trigonometry and Surveying occupy the first term of the Sophomore year. The principles of Surveying are taught by lectures. The class have field practice, and compute areas and make plots of their surveys. The second term of this year is given to the study of Analytical Geometry. The work of the last term is the Differential and Integral Calculus, with illustrative examples. The Analytical Geometry and Calculus are elective.

Chemistry.

The course includes recitations, lectures, and laboratory practice. The work begins with lectures and recitations on the non-metallic elements and their compounds. In connection with these subjects the elements of Theoretical Chemistry are taught and the students are given practice in the solution of a variety of chemical problems.

In the laboratory the students receive instruction in chemical manipulation and perform a series of experiments designed to illustrate the properties of the more important elements and the laws of chemical action.

In qualitative analysis instruction is given by lectures, and the class work in the laboratory ten hours a week. The methods employed are mainly inductive and are designed to develop the observing powers and to awaken the spirit of investigation.

In quantitative analysis the work is entirely in the laboratory. The instruction aims to make the students familiar with the best methods of determining all the principal elements and also the most important type-processes both of gravimetric and volumetric analysis.

Physics.

Physics is required five hours a week during two terms. The work consists of lectures and recitations. The first term is devoted to a mathematical treatment of the mechanics of solids, followed by the mechanics of liquids and gases and by the study of sound. The second term is devoted to the study of heat, light, electricity, and magnetism. Much time is given to the experimental demonstration of the principles of these subjects. The object of this course is to give a broad view of the chief departments of Physics.

The *elective* work in Physics comprises two courses. Course I. is to be taken during the Summer term of the Junior year. This course consists of laboratory work, and of lectures and prescribed reading necessary for the student's guidance. The experiments are divided into two groups. Group *a* is designed to give facility in the use of apparatus, to impress upon the mind the more general principles of the science, and to familiarize the student with those experiments which every teacher of Physics must perform or superintend. The work is both qualitative and quantitative, the quantitative work requiring much the more time.

Group *b* is almost entirely quantitative and is taken instead of group *a* by those students who wish to pursue the study of Physics further than course I. The results obtained from the work in this group will be presented graphically and discussed mathematically much more than in group *a*. A knowledge of the Calculus and of Analytical Geometry will be necessary for those taking group *b*.

Course II.—Course II. consists of two lectures, two days of laboratory work, and one journal meeting each week. In reading, writing up, and performing the experimental work it is expected that the laboratory work will require about six hours each week. The lectures and laboratory work are entirely on the subject of electricity.

Course II. will be omitted for the present year.

Geology.

The course in Geology consists of selections from LeConte's Elements of Geology used as a text-book, supplemented with lectures and field work. The earth and its inhabitants are studied with special reference to the doctrine of Evolution, and the modern views of that subject are explained and illustrated.

Astronomy.

The course in Astronomy occupies one term. The text-book is Young's General Astronomy.

Biology.

BOTANY.

The aim of the course in Botany is, while giving to the student an introduction to the science and a glimpse of its vast and ever-widening field, to awaken in him an enthusiasm for individual research and an open-eyed sympathy with nature. For this purpose it is not deemed sufficient simply to study in the text-book the structure and classification of plants in the highest vegetable series, or to become able to recognize a few score of the flowering plants. Yet, as most interesting to the beginner, and as affording the readiest way from the study of the book to the study of the living organisms, this is the first work attempted.

Instruction also is given respecting the lower grades of plant life, the evolution of organisms from the simple cell, the modes of plant nourishment and of propagation, and the varieties of vegetable parasites that are injurious to the higher orders of vegetables and to animal life. The method of instruction combines lectures, use of text-book, field and laboratory work.

ZOÖLOGY.

The course in Zoölogy consists of lectures and recitations, with laboratory work. Typical examples illustrating the various groups of the animal kingdom are examined and dissected by the class. Some attention is given to the systematic classification of species, but the subject is presented mainly in its biological relations, with the object of enabling the student to get as much knowledge as possible of the origin and development of animal forms, their structure and mutual relations, and the general principles which underlie and govern all animal life.

ORNITHOLOGY.

Considerable attention is given to the study of Ornithology, apart from that of general zoölogy. In the fall term twelve lectures are given to the Sophomore class on the characteristics of birds—peculiarities of physical structure, flight, utility, song, beauty, intelligence, and migration; on the fossil, sub-fossil, and extinct birds, and on classification. The last lecture of the term is devoted to the winter birds of Maine. This lecture is preparatory to the work to be done by the class during the winter. Prizes are given to the members of the class that report the longest lists of birds observed and carefully identified between the first of December and the middle of March. Two prizes are also given to the class for the best winter sketches of not more than two thousand words each. In the twelve lectures given in the spring all the species of the inland birds of Maine are described and the mounted specimens are shown to the class. Four times a week, from the last of March to the middle of June, the members of the Sophomore class make early morning excursions of one hour and a half to the fields and woods in search of the birds. Particular attention is directed to the songs and notes of the birds. From 75 to 130 different species are recognized in one year by the careful observers.

History and Political Economy.

American History is an elective during the second term of the Sophomore year, and Modern European History during the second term of the Senior year, each occupying five hours a week. The work is made up of recitations, lectures, essays, and discussions. Students are sent to the Library for special research. The origin of governments and institutions, the development of social life, and the relation of the various factors that make up our complex civilization are the chief objects of study. Facts are used to exemplify principles, and the experience of men and nations is viewed in relation to the problems of our own times.

Political Economy is required five hours a week during the second term of the Junior year. A text-book is used, but is supplemented by lectures exhibiting and comparing the theories of differing schools of economists, and by discussions on topics previously assigned. The financial and industrial history of our own country and the economic conditions of our own times receive special attention.

SYNOPSIS OF COURSE OF STUDY.

Freshman Year.

FALL TERM.

Mathematics—Algebra, ... Wells.
Greek—Odyssey, Books VI.–VIII.
Latin—De Senectute, De Amicitia.
Christian Ethics (weekly).
English—Rhetoric (weekly).
Tennyson (weekly).
Two Themes.
Elocution—Prize Declamations, with class and individual drill.

SPRING TERM.

Mathematics—Algebra (completed).
Geometry, ... Wells.
Greek—Œdipus Tyrannus of Sophocles.
Latin—Germania and Agricola of Tacitus.
Christian Ethics (weekly).
English—Rhetoric (weekly).
Tennyson (weekly).
Two Themes.
Elocution—Voice Culture and Drill on Selections.

SUMMER TERM.

Mathematics—Geometry (completed).
Greek—Demosthenes.
Latin—Horace.
Christian Ethics (weekly).
English—Rhetoric (weekly).
Tennyson (weekly).
Elocution—Voice culture and drill on selections.

Sophomore Year.

FALL TERM.

Mathematics—Trigonometry and Surveying, . . Wentworth.
French—Keetel's Grammar, Racine's Athalie, and French Conversations.

English—Rhetoric.
Prize Debates participated in by all the members of the class arranged in divisions.
Ornithology—Lectures (weekly).

SPRING TERM.

Mathematics—Analytical Geometry (elective). . . . Hardy.
French—Super's Readings from French History, and French Literature.
Greek—Plato's Apology of Socrates (elective).
History (elective).
English—Study of Selected Poems.
Two Themes.
Elocution—Prize Declamations, with class and individual drill.

SUMMER TERM.

Mathematics—Calculus (elective). . . . . . Taylor.
German—Longman's German Grammar, Brandt's German Reader, German Conversations.
Latin—Juvenal (elective).
Botany.
English—Champion Prize Debate participated in by eight members of the class.
Prize Essay, all members of the class competing except the eight debaters.
Elocution—Two Declamations by all the members of the class except the eight debaters.
Ornithology—Lectures (weekly).

Junior Year. *

FALL TERM.

German—Longman's German Grammar, Brandt's German Reader, and Stein's German Exercises.
Physics—Mechanics of Solids, Liquids and Gases, and Sound.
English—History of English Literature.
Critical Study of English Authors.
One Theme, Criticisms of Masterpieces of English or American Oratory.
Elocution—Class Instruction.

SPRING TERM.

Physics—Heat, Light, Magnetism, and Electricity (with Lectures).
German—History of German Literature.
    Schiller's Maid of Orleans and Bilder aus Deutschen Literature.
Political Economy.
English—Two Themes.
    Six Lectures upon Literary Criticism.
Elocution—Class Instruction.

SUMMER TERM.

German or French, alternate years (elective).
Chemistry—Non-metallic Elements (with Lectures), . Remsen.
Physics—Lectures and Laboratory Work (elective).
English—Critical Study of Poems from Browning (elective), 1896.
    Critical Study of English Essayists (elective), 1897.
    Original Prize Declamations for Junior Exhibition.
Elocution—Class and individual drill.

Senior Year.

FALL TERM.

Psychology (with lectures).
Geology.
Chemistry—Qualitative Analysis (with Lectures).
English—One Essay, a Criticism of some standard work of fiction.
Elocution—Class Instruction.

SPRING TERM.

Logic (elective). . . . . Davis.
Chemistry—Quantitative Analysis (elective).
Astronomy (elective).
History (elective).
English—Critical Study of Chaucer, Skeat's edition (elective).
    History of the English Language (elective).
    Senior Exhibition Parts.

SUMMER TERM.

Moral Philosophy (elective).
Chemistry—Quantitative Analysis (elective).
English—Critical Study of Poems from Browning (elective), 1896.
    Critical Study of English Essayists (elective), 1897.
    Graduation Parts.
German or French, alternate years (elective).

A course of Lectures on Bible topics will be given during the year by several eminent scholars.

Laboratories.

CHEMICAL.

The Chemical Laboratory was completed in 1889. It is called the Hedge Laboratory, in honor of the late Isaiah H. Hedge, M.D., of Waukon, Iowa, who generously furnished the means for its erection. It is a two-story brick building, finely located, and of attractive modern style. On the first floor are the chemical lecture-room, with rooms adjoining for chemicals and apparatus, and a large room occupied by the mineralogical cabinet. The room for the laboratory work of the class occupies the most of the second floor. It is well lighted, thoroughly ventilated, and conveniently fitted with sinks, hoods, and tables sufficient to accommodate forty-eight students. Adjoining this room are the weighing and apparatus rooms and the private laboratory of the professor.

The arrangement and appliances of the whole building are in accordance with the most approved plans of modern laboratories.

The apparatus has been recently somewhat increased from funds contributed by members of the alumni and other friends of the college. It is hoped that further additions in the same line may soon be made.

PHYSICAL.

The lecture-room, laboratory, and cabinets of the department of Physics are on the lower floor of Hathorn Hall. They are conveniently arranged, are well furnished for their purposes, and are provided with water, gas, and steam, and alternating and direct dynamo-electric currents. The collection of apparatus for lecture purposes and for the students' individual work is rapidly growing. Among the apparatus recently added are a two-kilowatt dynamo and water-motor, college lantern with arc-light, ohm- and volt-meters, reflecting and tangent galvanometers, Wheatstone's bridges, goniometer, spectroscope, etc.

Cabinets.

BOTANICAL.

The nucleus of the Herbarium was gathered many years ago by an enthusiastic botanist, the late Dr. Aaron Young. It contained a representative collection of New England—especially of Maine plants, a part of which was gathered during the State

Geological Survey, conducted by the late Dr. Charles T. Jackson. The plants chiefly used now, however, in the identifying of species, are those that have been pressed and mounted in the laboratory and the herbarium of the late President Chadbourne of Williams College, Mass., which was purchased by the College.

Of this, Dr. O. R. Willis, a distinguished botanist of New York, has said: "It is one of the best working Herbariums I have ever examined." Besides its collection of New England plants, including the grasses, sedges, ferns, etc.,—in all about two thousand specimens, it has several groups of ferns from other countries, also pretty full collections of mosses and lichens, named by the highest authorities, and more than a thousand fungi. There are collections of the plants of New Jersey, Tennessee, and Florida, also from several foreign countries, illustrating the identity of many families in Europe and America. There are also collections from Greenland, Labrador, and the tropics, and mountain flora from the Rocky Mountains, the White Mountains, and the Alps. There are also some fifteen hundred duplicates. These are in cabinets of the most approved construction, which, during the present year, will be moved from the room they now occupy to a new Botanical laboratory in Hathorn Hall, for which excellent working tables are already provided.

MINERALOGICAL.

The cabinet of Minerals, Shells, and Fossils occupies one room of the Hedge Laboratory. The collection is conveniently arranged and is steadily growing. No attempt is made to secure showy shelf specimens of great cash value. Educational value is the only thing considered. All the common minerals, and most of those of rare occurrence, are fully represented by typical specimens. It is intended to make the collection of local minerals as complete as possible. Among the shells and fossils are many choice specimens.

ORNITHOLOGICAL.

The ornithological collection contains mounted specimens of nearly all the New England birds, besides many from other parts of the United States and from foreign countries. In all there are about a thousand specimens.

Libraries.

The number of volumes in the different libraries is as follows:

College Library (exclusive of Pamphlets),	12,128
Society Libraries,	1,600
Total,	13,728

The College Library, although comparatively small, has been selected with special reference to the needs of the students. It is composed mainly of modern publications, and contains many important works of reference.

At the last meeting of the Trustees, Miss Caroline A. Woodman, a lady of rare culture and scholarship, was elected Librarian. She is preparing a new catalogue and making many important improvements in the condition of the Library.

Physical Culture.

The Gymnasium is equipped with all the apparatus necessary for the thorough and systematic training and development of the human body. This apparatus is new and of the most approved modern pattern. Systematic class and individual exercise is a part of the prescribed college work. Instruction is given to each class four times a week during the winter, and regular attendance is required.

In the basement of the Gymnasium are convenient bath-rooms, provided with lockers, hot and cold water, dip baths, shower baths, etc.

Eight fine tennis courts offer abundant opportunity for this healthful game. The base-ball ground is one of the best in the country.

Religious Exercises.

At the close of each morning recitation all the students, with the Faculty, assemble in the chapel for prayer, reading of scripture, and singing. The Students' Christian Associations—Young Men's and Young Women's—hold a union meeting every Wednesday evening, in the Association room, from 6.30 to 7 o'clock. The Y. M. C. A. also hold a meeting Sunday mornings from 9.30 to

10 o'clock. Voluntary classes for Bible study are carried on through the year. The prayer-meetings of the Y. W. C. A. are on Fridays from 6.35 to 7.15 P.M.

The methods employed are successful in making the meetings varied, attractive, earnest, and spiritual. One meeting each month is devoted to some phase of missionary work.

In addition to these, weekly class prayer-meetings are held and are usually well attended.

The last Thursday in February—the day originally observed in colleges and churches as "The Day of Prayer for Colleges"—is set apart entirely for meetings with a religious purpose. A sermon, to which the public is invited, is preached in the chapel at 2.30 P.M. It is hoped that Christian friends of the College generally will remember this day.

Reading-Room.

The College has a Reading-Room, independent of the Library, supplied with a large number of the best daily and weekly newspapers, monthlies, and quarterlies. It is kept open during the whole day.

College Magazine.

The *Bates Student* is published monthly under the direction of the Editors and Managers selected from the Junior Class. The first number was issued January, 1873.

Literary Societies.

The College has no secret societies. It is doubtless owing largely to this fact that all the students unite with an earnest and wholesome interest in the support of the two literary societies, the EUROSOPHIAN and the POLYMNIAN. Much systematic work is devoted to preparation for the weekly meetings, which are held on Friday evenings, and are occasions not merely of social pleasure but of most useful drill.

The programmes contain assignments that encourage musical culture, literary criticism, and essay writing.

The meetings afford thorough discipline in debate and in the proper conducting of deliberative assemblies, together with a stimulus to excellence in these attainments that to many is an educating force rarely found in colleges, and hardly second in utility to any department of the curriculum.

Yearly Expenses.

Tuition,	$36.00	$36.00
Room Rent,	9.00 to	18.00
Board (37 weeks, from $2.00 to $3.00 per week),	74.00 to	111.00
Wood, lights, washing, books, etc.,	30.00 to	35.00
Use of Library,	3.00	3.00
Incidentals and Repairs,	8.00 to	10.00
Catalogues,	1.00	1.00
Instruction in Gymnasium,	3.00	3.00
Total,	$164.00	$217.00

Students taking Laboratory courses in Chemistry and Physics are charged an extra fee of five dollars each term.

Board in private families (washing, wood, etc., included), $4.00 to $5.00 per week.

College bills for the Fall Term must be paid by November 1st, and for the Winter Term by March 1st. Students unable to pay their bills on or before the above dates are required promptly to present to the Faculty in writing their reasons why further time is necessary. Bills for the Spring Term must be paid by May 16th. Requests for an extension of time beyond this date must be made in writing to the College Treasurer.

Rank Bills.

These are sent to the parent or guardian of each student at the close of every term.

Degrees.

The Degree of Bachelor of Arts is conferred on all students who complete satisfactorily the full course of study.

The Degree of Master of Arts is conferred on Bachelors of Arts of at least three years' standing who have completed one year's graduate non-professional study or its equivalent. Either two or three subjects may be selected, with the advice and under the direction of the heads of the College departments. Evidence of proficiency is to be given by examination and thesis. Theses must be presented as early as June 1st, and examinations must be passed not later than ten days before the annual Commencement. The fee is $10.00. Modifications of the foregoing conditions may be granted resident graduates.

Buildings.

The College has five buildings—Hathorn Hall, Parker Hall, Hedge Laboratory, Gymnasium, and President's House.

Examinations.

All the classes are subjected to written examinations at the close of each term.

Funds.

Funds are needed for the endowment of Professorships, Scholarships, and the Library; for the erection of a Library building, and a Hall for the young ladies of the College.

The following are some of the grounds on which the College solicits aid:

1. To a large number of young men and young women it offers their sole reasonable hope for obtaining a liberal education.

2. It is recruiting the ranks of educators, East, South, and West, with a body of scholars and teachers of signal ability and influence.

3. No College in the country has been more successful in securing character as well as scholarship.

4. The work of the College has no taint of sectarianism.

5. The location of the College seems the best possible for its usefulness. It can gather young men and young women of small means but of great promise, and can give them the New England culture of heart and mind to be used for the good of our entire country.

6. It took up the cause of higher education for women when it was unpopular.

7. Nowhere in our country is there a more vital connection between every dollar to educational work and the forces that are shaping our Christian civilization.

The College is in sore need of a larger endowment. $25,000 will endow a professorship. It is painfully embarrassed by the small number of its scholarships. $1,000 will endow a perpetual scholarship.

It is in pressing need of a Library building and fund.

Form of a Bequest.

"I give and bequeath to the President and Trustees of Bates College, a corporation existing in Lewiston, Maine, the sum of————dollars, in trust, the principal of said sum to be safely invested by them, and the income thereof appropriated under their direction for the purposes of the College."

SCHOLARSHIPS.

State Scholarships.

There are ten State Scholarships (giving tuition to ten students) in the hands of the Governor; and in bestowing them preference is given to the children of those who have borne arms in defense of their country, and always to students who are needy and meritorious.

Each of the following scholarships has been endowed by a donation of one thousand dollars, and it gives free tuition to the student elected to hold the scholarship:

Redington Scholarship—For a Lady Student.

Endowed by the late Hon. Asa Redington, LL.D., of Lewiston. This is supposed to be the first instance of such an appropriation in any of the colleges.

Dudley Scholarship.

Endowed by Alvin D. Dudley, Esq., of Haverhill, Mass.

Cheney Scholarship—For Student from New Hampshire.

Endowed by Hon. Person C. Cheney, A.M., of Manchester, New Hampshire.

Woodman Scholarship.

Endowed by the Paige Street Free Baptist Church, Lowell, Mass., in memory of Rev. Jonathan Woodman, late pastor of the church.

Symonds Scholarship.

Endowed by the Plymouth Free Baptist Church, Portland, in memory of Joseph Symonds, Esq., deacon of the church.

Clements Scholarship.

Endowed by the late Rev. Tisdale D. Clements of Lewiston.

Bridge Scholarship.

Endowed by Charles Bridge, Esq., of Gardiner.

Lewis Scholarship.

Endowed by the late Chace Lewis, Esq., of Providence, R. I.

Class Scholarship.

Endowed by the Class of 1877.

Bartlett Scholarship.

Endowed by the Main Street Free Baptist Church, Lewiston, in memory of Rev. Flavel Bartlett.

Bowen Scholarship.

Endowed by Mrs. Hannah Bowen, in memory of Nathaniel Bowen, Esq., of Providence, R. I.

Cobb Scholarship.

Endowed by the late Hon. C. C. Cobb of Lewiston, in memory of his son, Rev. Frank Woodbury Cobb, A.M., Class of 1873.

Houghton Scholarship.

Endowed by the late Rev. Alphonso L. Houghton, A.M., of Lawrence, Mass., Class of 1870.

Randall Scholarship.

Endowed by Mrs. Abby Randall, in memory of Isaac Randall, Esq., of Johnston, R. I.

Williamson Scholarship.

Endowed by Elias W. Williamson, Esq., Potter's Landing, Md., in memory of his father, Rev. Stephen Williamson of Stark.

Eaton Scholarship.

Endowed by Mrs. Oliver H. Durrell of Cambridge, Mass., in memory of her father, Rev. Ebenezer G. Eaton of Lewiston.

Baldwin Scholarship.

Endowed by the late B. C. Baldwin, Esq., of Lowell, Mass., in memory of his wife.

Bonney Scholarship.

Endowed by Mrs. Harriet Cheney Bonney and Sherman G. Bonney, M.D., in memory of Calvin F. Bonney, M.D., of Manchester, N. H.

Frye Scholarship.

Endowed by Hon. William P. Frye, LL.D., of Lewiston.

Nutting Scholarship.

Endowed by the late Lyman Nutting, Esq., of Lebanon, Pa., in memory of his sister, Mrs. Charlotte Nutting Chadbourne.

Ellis Scholarship.

Endowed by Miss M. A. Wales of Boston, Mass., in memory of her pastor, Rev. Rufus Ellis, D.D.

Talpey Scholarship.

Endowed by Hon. Charles W. Talpey of Farmington, N. H.

Thissell Scholarship.

Endowed by Mrs. Abby T. Deering of Portland, in memory of Hon. John Thissell of Corinth.

Ward Scholarship.

Endowed by Mrs. Mary E. Ward, in memory of her husband, Warren Ward, Esq., of Auburn.

Bean Scholarship.

Endowed by Cyrus E. Bean, Esq., of Portland, in memory of his father, Cotton Bean, Esq., of Limerick.

Small Scholarship.

Endowed by James T. Small, Esq., of Lewiston, in memory of his son, Everett J. Small, Class of 1889.

Dyer Scholarship.

Endowed, for the benefit of some student preparing for the Christian ministry, by Mrs. Irene M. Higgins, in memory of her parents, Mr. and Mrs. Jonah Dyer of Cape Elizabeth.

Cushman Scholarship.

Endowed by Ara Cushman, Esq., of Auburn.

Page Scholarship.

Endowed by Peter Page, Esq., of New York City.

Ramsey Scholarship.

Endowed by Mrs. V. G. Ramsey of North Berwick, in memory of her husband, Rev. G. P. Ramsey.

Mathews Scholarship.

Endowed by John M. Mathews, Esq., of Burlington, Vt., in memory of his daughter, Orissa Frances Mathews.

Perkins Scholarship.

Endowed by Mrs. Moses W. Shapleigh of Ashland, N. H., in memory of her father, Rev. Thomas Perkins.

Woodbury Scholarship.

Endowed by friends of the late Charles Woodbury of Boston, for the benefit of some Methodist student.

Harmon Scholarship.

Endowed by the late Ivory W. Harmon of Newton Center, Mass., in memory of his son, Wallace Ivory Harmon.

Waldron Fund.

Given by Rev. William H. Waldron of Farmington, N. H., the interest to pay the tuition of students studying for the Christian ministry.

Student Fund.

Students contemplating the Christian ministry receive assistance every year of the course.

PRIZES.

Prizes will be awarded as follows :

First—For General Scholarship.

To the Junior Class—A first prize of *ten dollars* and a second of *seven dollars.*

To the Sophomore Class—A first prize of *nine dollars* and a second of *six dollars.*

To the Freshman Class—A first prize of *eight dollars* and a second of *five dollars.*

Second—For Excellence in Declamation.

In the Fall Term—To the Freshman Class, two prizes of *ten dollars* each, one to a young man and one to a young woman.

In the Spring Term—To the Sophomore Class, two prizes of *ten dollars* each, one to a young man and one to a young woman.

In the Summer Term—To the Junior Class, a prize of *twenty dollars*, for excellence in original declamation. Also for several years a special prize of *seventy-five dollars* has been given for original declamation.

Third—For Excellence in English Composition.

In the Summer Term—To the Junior Class, a prize of *ten dollars.*

In the Summer Term—To the Sophomore Class, a prize of *ten dollars.*

Fourth—For Excellence in Public Debate.

Fall Term—To each division of the Sophomore Class, a prize of *ten dollars.*

Summer Term—The Champion Debate—A prize of *twenty dollars.* Eight are elected from the Sophomore Class to participate in it.

These prizes have been awarded as follows:

For General Scholarship—First prize, 1895, to A. P. Norton, Miss E. V. Chase, R. H. Tukey; Second Prize, 1895, to Miss I. M. Parsons, C. E. Milliken, Miss A. M. Tasker.

For Public Declamation—1894, to F. U. Landman, Miss A. M. Tasker; 1895, to J. A. Marr, Miss C. M. Hanson.

For Original Declamation—1895, to Miss F. A. Mason, G. W. Thomas.

For English Composition—1895, to L. P. Gerrish, Miss E. V. Chase.

For Public Debate—1894, to Miss W. S. Sleeper, Miss Mary Buzzell, R. B. Stanley, Miss C. L. Cobb, C. E. Milliken.

For Champion Debate—1895, to J. S. Durkee.

STUDENTS.

SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Berryman, Isaac Pidgeon,	*Sisson Ridge, N. B.*	11 P. H.
Bonney, Alice Eleanor,	*Auburn.*	150 Whitney Street, Auburn.
Boothby, Oren Cheney,	*Lewiston.*	256 College Street.
Coy, Joseph Bertrand,	*North Bradford.*	H. H.
Cross, Mary Abigail Wyatt,	*Franklin Falls, N. H.*	51 College Street Extension.
Cutts, Oliver Frost,	*North Anson.*	H. H.
Dolley, Mary Emma,	*East Waterboro.*	84 Wood Street.
Douglass, Herbert Leroy,	*Gardiner.*	47 P. H.
Eaton, Hal Roscoe,	*Auburn.*	7 P. H.
Fairfield, Roscoe Day,	*Biddeford.*	49 P. H.
Gerrish, Lester Pierpont,	*Lisbon.*	7 P. H.

Gould, Harry Treat,	*Lewiston.*	23 High Street.
Hanscom, Edgar Ivory,	*Lebanon.*	63 P. H.
Hanscom, Oscar Edwin,	*Lebanon.*	63 P. H.
Hilton, Fred Wallace,	*Lewiston.*	190 College Street.
Hoag, Albert Buffum,	*North Berwick.*	21 R. W. H.
Howard, Anson Burdette,	*Sparta, Mich.*	9 P. H.
Hunt, Edna Maude,	*Winnegance.*	108 Nichols Street.
Kavanaugh, Albert Lawrence,	*Lewiston.*	219 Oak Street.
Knapp, Fred Austin,	*Peabody, Mass.*	45 P. H.
Mason, Flora Anna,	*Milford, N. H.*	211 College Street.
Mason, Luther Smith,	*Belfast.*	61 P. H.
McAllister, Edgar Orville,	*Lewiston.*	392 Sabatis Street.
Miller, Gertrude Louise,	*Lewiston.*	6 Frye Street.
Norton, Augustus Peter,	*Lewiston.*	30 Elm Street.
Parsons, Ina Mary,	*New Portland.*	235 College Street.
Peacock, Edith Estella,	*Gardiner.*	94 Nichols Street.
Peacock, Horace Sibley,	*Gardiner.*	53 P. H.
Plumstead, Frank,	*Wiscasset.*	49 P. H.

Prescott, Gracia Belle,	*Warren, N. H.*	235 College Street.
Purinton, Frank Howard,	*Limington.*	346 Main Street.
Purinton, Lester Given,	*West Bowdoin.*	63 P. H.
Roberts, Junius Everett,	*Newport.*	49 P. H.
Thomas, George William,	*Lewiston.*	145 College Street.
Thompson, Ralph Leroy,	*Lisbon.*	47 P. H.
Tibbetts, Luther Danforth,	*Danville.*	148 Nichols Street.
Vining, Elmer Chandler,	*Phillips.*	53 P. H.

37

JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Andrews, Mabel Caroline,	*Wilmot Flat, N. H.*	211 College Street.
Bailey, Adelbert Wesley,	*Lewiston.*	5 P. H.
Barrell, Charles Martin,	*Auburn.*	10 Harris Avenue, Auburn.
Brackett, Percy Wentworth,	*Detroit.*	21 P. H.
Burrill, Fred Wilson,	*Corinna.*	21 P. H.
Buzzell, Mary,	*Lewiston.*	262 College Street.
Chase, Emma Vivian,	*Lewiston.*	16 Frye Street.
Childs, Herman Andrew,	*Lewiston.*	130 College Street.
Cobb, Caroline Lillian,	*Ashburnham, Mass.*	239 College Street.
Cunningham, Edward Freeman,	*Edgecomb.*	59 P. H.
Durkee, James Stanley,	*Yarmouth, N. S.*	2 R. W. H.
Foss, Alvin Warren,	*East Raymond.*	36 L. S. H.
Gilman, Henry,	*Scarboro.*	161 Wood Street.
Hanscom, Alpheus Claybert,	*Lebanon.*	161 Wood Street.

Hanson, Charlotte Mary,	*Auburn.*	16 Highland Avenue, Auburn.
Hewins, Mary Annette,	*Lewiston.*	145 Nichols Street.
Houghton, Nellie Agnes,	*Auburn.*	62 Winter Street, Auburn.
Hubbard, Allen Lewis,	*North Limington.*	161 Wood Street.
James, Stella,	*Harper's Ferry, W. Va.*	112 Wood Street.
Kenyon, Albert Edgar,	*Carolina, R. I.*	
Knowles, Margaret Fanning,	*Lubec.*	262 College Street.
Marr, James Archibald,	*Westerly, R. I.*	161 Wood Street.
Merrill, Susan,	*Brownville.*	256 College Street.
Michels, Nellie Belle,	*Brunswick.*	17 Frye Street.
Milliken, Carl Elias,	*Augusta.*	16 Frye Street.
Noyes, Alice Louise,	*Wilton.*	151 Nichols Street.
Palmer, Herbert Lorenzo,	*Charleston.*	349 College Street.
Parker, Ezra Steeves,	*Yarmouth, N. S.*	
Parker, Horatio Perkins,	*Greene Corner.*	59 P. H.
Porter, Blanche,	*Westbrook, East End.*	151 Nichols Street.
Purinton, Frances Elizabeth,	*West Bowdoin.*	77 Nichols Street.
Roby, Eva Blanche,	*South Sutton, N. H.*	211 College Street.

Sampson, Arthur Laforest,	*Farmington.*	13 P. H.
Skillings, Everett,	*Portland.*	L. S. H.
Slattery, John Francis,	*Lewiston.*	75 Oak Street.
Sleeper, Winifred Sarah,	*Sabatis.*	326 Main Street.
Smith, Ivy Houston,	*Gray Corner.*	17 Frye Street.
Snell, Clara Anna,	*Winthrop.*	262 College Street.
Stanley, Richard Balkam,	*Lewiston.*	32 Frye Street.
Thayer, Wildie,	*New Hampton, N. H.*	17 Frye Street.
Tobien, Arthur Patten Davis,	*Templeton, Mass.*	161 Wood Street.
Vickery, Maud Alice,	*East Machias.*	158 College Street.
Vining, Walter Perley,	*Lewiston.*	Webster Street.
Winn, Mabel Weston,	*Cumberland Center.*	262 College Street.
Wright, Charles Otis,	*Lewiston.*	76 Park Street.

45

SOPHOMORE CLASS.

NAME.	RESIDENCE.	ROOM.
Bennett, Joseph Leighton,	*Farmington, N. H.*	27 P. H.
Blake, Harry Wessenger,	*Somersworth, N. H.*	65 P. H.
Brackett, Alice Maude,	*Limington.*	158 Holland Street.
Brackett, John Freeman,	*Limington.*	158 Holland Street.
Brackett, Sadie May,	*Phillips.*	133 College Street.
Bruce, Thomas Seth,	*Danville, Va.*	25 P. H.
Butterfield, Annie Jane,	*Hallowell.*	239 College Street.
Collins, Ernest Leon,	*Nashua, N. H.*	15 P. H.
Conant, Goldsmith Hall,	*Littleton, Mass.*	336 College Street.
Costello, Louis Bartlett,	*Wells.*	51 P. H.
Cutting, Forrest Barrett,	*Framingham, Mass.*	161 Wood Street.
Davidson, Maurice Evan,	*Belfast.*	61 P. H.
Farnum, Florence Stewart,	*New Gloucester.*	79 Elm Street.
Farnum, Imogen Sherman,	*New Gloucester.*	79 Elm Street.

FILES, BERTHA FERNALD,	*Lewiston.*	243 College Street.
FOSS, FRED WASHINGTON,	*Center Strafford, N. H.*	77 Nichols Street.
FREEMAN, ELIJAH,	*Baltimore, Md.*	20 P. H.
FROST, FRANK WILBUR,	*Auburn.*	98 Cook Street, Auburn.
GARCELON, MABEL SARA,	*Lewiston.*	106 Bartlett Street.
GRAY, ARTHUR WILLIAM GREENLEAF,	*Auburn.*	274 Main Street, Auburn.
HALL, ABBIE BESSIE,	*Lewiston.*	83 Howe Street.
HAWKINS, HENRY,	*Sullivan.*	57 P. H.
HAYES, BESSIE CUSHMAN,	*Portland.*	74 Nichols Street.
HICKS, MALEEN PEABODY,	*Gilead.*	40 Mountain Avenue.
HINKLEY, ABNER TOOTHAKER,	*Phillips.*	45 P. H.
HYDE, ALBAN BERNARD,	*Fairport, N. Y.*	26 R. W. H.
KNOWLTON, ANSEL ALPHONSO,	*Lewiston.*	100 Elm Street.
LANDMAN, FRED ULYSSES,	*South Londonderry, Vt.*	Riverside Place.
LEADER, JULIA FRANCIS,	*Lewiston.*	47 Pierce Street.
MASON, FRED TOWLE,	*Strafford Center, N. H.*	77 Nichols Street.
MAXIM, MYRTLE BELLE,	*South Paris.*	113 Wood Street.
MINARD, GEORGE C.,	*Lewiston.*	82 Elm Street.
MORRISON, PERSIE LOUISE,	*Auburn.*	33 Pleasant Street, Auburn.
PARSONS, WILLIAM SHERMAN,	*East New Portland.*	65 P. H.

Pearson, Frank,	*Madison, N. H.*	26 R. W. H.
Perkins, Mary Hallowell,	*Alfred.*	262 College Street.
Pulsifer, Albert Packard,	*Auburn.*	177 Cook Street, Auburn.
Roberts, Thomas Arthur,	*Turner.*	46 High Street, Auburn.
Rounds, Susie Louise,	*South Paris.*	40 Mountain Avenue.
Skillings, Emma,	*Portland.*	262 College Street.
Smith, Ellen Warrington,	*Richmond.*	226 College Street.
Sprague, John Perley,	*Sprague's Mills.*	117 Wood Street.
Stevens, Daniel Bartholomew, Jr.,	*Auburn.*	145 Turner Street.
Stickney, Malcolm Enos,	*Brownville.*	336 College Street.
Tasker, Adah M.,	*Richmond.*	226 College Street.
Toothaker, Oliver Henry,	*North Harpswell.*	13 Skinner Street.
True, Albert Douglass,	*New Gloucester.*	13 Skinner Street.
Tucker, Edward M.,	*Pittsfield.*	9 Riverside Place.
Tukey, Ralph Hermon,	*Windham Center.*	8 Mountain Avenue.
Twort, Daisy May,	*Lynn, Mass.*	
Wakefield, George Arthur,	*Lisbon.*	15 P. H.
Wells, Charles Eugene,	*Wells.*	51 P. H.
Weymouth, Affie Dell,	*Lewiston.*	108 Nichols Street.
Woodside, Tileston Edwin,	*Sabatis.*	94 Nichols Street.

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FRESHMAN CLASS.

NAME.	RESIDENCE.	ROOM.
Albee, Lettice Bertha,	*Lexington.*	349 College Street.
Alden, Annie May,	*Lewiston.*	71 College Street.
Alden, Harley Roscoe,	*Auburn.*	99 Center Street, Auburn.
Bachelder, Willard Kezer,	*East Winthrop.*	32 Cottage Street.
Bassett, Whitman Sears,	*Chatham, Mass.*	73 East Avenue.
Beal, Agnes Emilla,	*Lewiston.*	21 High Street.
Blake, Edith Susan,	*Somersworth, N. H.*	211 College Street.
Brackett, LeRoy Bean,	*West Bethel.*	368 College Street.
Bucknam, Annie Belle,	*Lewiston.*	118 Oak Street.
Butterfield, Welbee,	*Dover, N. H.*	84 Wood Street.
Calhoun, Charles Spurgeon,	*Victoria, B. C.*	6 R. W. H.
Cary, Charles,	*Auburn.*	Sturgis Road.
Chase, Muriel Esther,	*Lewiston.*	16 Frye Street.
Coan, Marion Sadie,	*Auburn.*	68 High Street.

Cox, Blanche Isola,	*Portland.*	262 College Street.
Churchill, Herbert Chester,	*Madison, N. H.*	17 Frye Street.
Donnelly, George Edward,	*Fort Fairfield.*	41 Birch Street.
Donnocker, Bertha Luella,	*Sagamore, Mass.*	24 Frye Street.
Dame, Iris St. Helena,	*Farmington, N. H.*	77 Nichols Street.
Edgerly, Cora Emily,	*Portland.*	3 Cheney Hall.
Fairbanks, Emily Leone,	*Lewiston.*	10 Hammond Street.
Finn, Helen Agnes,	*Lewiston.*	74 Knox Street.
Flanders, Ina Verne,	*Lancaster, N. H.*	368 College Street.
Foster, Edward Britian,	*Lewiston.*	107 Blake Street.
Fuller, Oscar Anderson,	*Danville, Va.*	11 R. W. H.
Furbush, Mabel Blanche,	*Lewiston.*	69 Horton Street.
Gay, Emma Grace,	*Keene, N. H.*	239 College Street.
Graffam, Perley Edmund,	*Lewiston.*	139 Oak Street.
Gray, Irving Holmes,	*Bow Mills, N. H.*	32 Cottage Street.
Greeley, Arthur Howard,	*Concord, N. H.*	32 Cottage Street.
Hastings, Carrie Jewett,	*Bethel.*	40 Mountain Avenue.
Hayes, Edith Ham,	*Auburn.*	77 Seventh Street, Auburn.

Hight, Bessie Luella,	*Jefferson, N. H.*	368 College Street.
Hight, Clarence Eugene,	*Jefferson, N. H.*	368 College Street.
Hutchinson, Allen Chaffin,	*South Paris.*	113 Wood Street.
Hutchinson, Lizzie Clementine,	*South Paris.*	113 Wood Street.
Irving, Edith Iola,	*Lewiston.*	500 Main Street.
Johnston, Raymond Randall,	*Fort Fairfield.*	11 P. H.
Jordan, Mabel True,	*Lewiston.*	24 Frye Street.
Kelley, Edith Abbott,	*Lewiston.*	14 Mountain Avenue.
King, Lora Vivian,	*Fort Fairfield.*	262 College Street.
Knapp, Georgia Mae,	*Lewiston.*	218 College Street.
Lary, Stanley Clarence,	*Dexter.*	190 College Street.
L'Heureux, Albert Theophilus,	*Lewiston.*	306 Pine Street.
Lord, Alice Edna,	*Lewiston.*	192 Webster Street.
Marrow, Edith Belle,	*Auburn.*	90 Pleasant Street, Auburn.
Mason, Alden Ray,	*Jefferson, N. H.*	368 College Street.
Maxim, Ena Augusta,	*South Limington.*	262 College Street.
McCann, Josiah Small,	*Mechanic Falls.*	474 Main Street.
McKinley, Florence Mabel,	*Nashua, N. H.*	67 Howe Street.

Merrill, Oscar Charles,	*Auburn.*	Center Street, Auburn.
Millett, Ralph Linwood,	*Lewiston.*	151 Nichols Street.
Mitchell, Rose Estelle,	*Wales Corner.*	61 High Street.
Munroe, Cora Janet,	*West Troy.*	380 Main Street.
Nason, Robert Bray,	*Brownville.*	336 College Street.
Odiorne, Carrie Louise,	*Richmond.*	227 College Street.
Palmer, Ernest Lowell,	*Charleston.*	349 College Street.
Parsons, George Francis,	*Norway.*	495 Court Street, Auburn.
Peacock, Everett,	*Gardiner.*	17 P. H.
Peckham, Ethel Augusta,	*Lewiston.*	14 Pleasant Street.
Perkins, Grace,	*Farmington, N. H.*	77 Nichols Street.
Pomeroy, Fred Elmer,	*Lewiston.*	84 Eastern Avenue.
Poor, George Ernest,	*Hebron.*	148 Nichols Street.
Price, Lily Pray,	*Richmond.*	227 College Street.
Pulsifer, Nathan,	*Auburn.*	19 P. H.
Quinn, Bennet Homer,	*Lubec.*	145 Nichols Street.
Ricker, Grace Helen,	*Lisbon Falls.*	262 College Street.
Roberts, Annie Maria,	*Somersworth, N. H.*	211 College Street.

SAUNDERS, WILLIAM ALLEN,	*Louisa Court House, Va.*	25 P. H.
SCAMMON, THOMAS HARMON,	*Madison, N. H.*	17 Frye Street.
SLIPP, ALMA GERTRUDE,	*Fort Fairfield.*	218 College Street.
SMALL, HERBERT CENTER,	*West Gardiner.*	363 Main Street.
STEVENS, OSCAR ADELMER,	*Plymouth.*	145 Nichols Street.
STEWART, DELBERT MASON,	*Lewiston.*	29 High Street.
SWETT, FLORENCE GILMAN,	*Ellsworth.*	262 College Street.
TETLEY, EDMUND BRAYSHAW,	*Laconia, N. H.*	18 R. W. H.
WADSWORTH, FREDERIC STEVENS,	*Gardiner.*	17 P. H.
WAGG, FRANK PERLEY,	*Lewiston.*	17 Frye Street.
WHEELER, ALTON CHAPMAN,	*South Paris.*	113 Wood Street.
WHITMAN, EMERSON,	*Lewiston.*	113 Wood Street.
WHITTUM, BLANCHE MAY,	*Lewiston.*	250 College Street.
WOODBURY, EDITH EMELINE,	*Auburn.*	127 Hampshire Street, Auburn.

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SUMMARY.

Senior Class,	37
Junior Class,	45
Sophomore Class,	54
Freshman Class,	82
Total,	218

H. H., . . Hathorn Hall.
P. H., . . Parker Hall.
R. W. H., . . Roger Williams Hall.
L. S. H., . . . Latin School Hall.

FACULTY OF COBB DIVINITY SCHOOL.

GEORGE COLBY CHASE, D.D., LL.D., PRESIDENT.

REV. JOHN FULLONTON, D.D.,

Professor Emeritus of Ecclesiastical History and Pastoral Theology.

REV. JAMES ALBERT HOWE, D.D., DEAN,

Professor of Systematic Theology and Homiletics.

REV. ALFRED WILLIAMS ANTHONY, A.M., SECRETARY,

Fullonton Professor of New Testament Exegesis and Criticism.

REV. BENJAMIN FRANCIS HAYES, D.D.,

Professor of Apologetics and Pastoral Theology.

HERBERT BONELLE PURINTON, A.M.,

Instructor in Hebrew and Ecclesiastical History.

ERNEST E. OSGOOD, A.B.,

Instructor in Elocution.

THE LATIN SCHOOL.

This institution is located in the city of Lewiston, Maine, and is owned by the College, and its expenses are defrayed by funds drawn from the College Treasury. Its management is by a special Board of nine Directors appointed by the Corporation of the College.

The special object of the School is to prepare students of both sexes for the Freshman Class of Bates College, though students who do not contemplate a College Course are admitted to any of the classes which they have the qualification to enter.

The Course of Study comprises three years and as many classes—that is, the first year, or Junior Class; the second year, or Middle Class; and the third year, or Senior Class. The classes are so arranged that students can enter the School at any time during the year.

The tuition is nine dollars per term. The following arrangement of the terms is found to be the most convenient for students:

Calendar.

1895.

Aug. 27—Fall Term began, ... Tuesday.
Sept. 2-6—State Fair.
Nov. 20, 21, 22—Term Examinations, . . Wednesday, Thursday, Friday.
Nov. 22—Fall Term ends, ... Friday.

Recess of three weeks.

Dec. 17—Winter Term begins, ... Tuesday.
Dec. 25—Christmas, ... Wednesday.

1896.

Jan. 1—New Year's, ... Wednesday.
Feb. 22—Washington's Birthday, ... Saturday.
Feb. 27—Day of Prayer for Colleges, ... Thursday.
Mar. 25, 26, 27—Term Examinations, . Wednesday, Thursday, Friday.
Mar. 27—Winter Term ends, ... Friday.

Recess of one week.

Apr. 7—Summer Term begins, ... Tuesday.
Fast Day.
May 30—Decoration Day, ... Saturday.
June 11, 12, 18, 19—Term Examinations,
Thursday, Friday, Thursday, Friday.
June 19—Summer Term ends, ... Friday.

Vacation of eleven weeks.

Sept. 8—Fall Term begins, ... Tuesday.
Dec. 2, 3, 4—Term Examinations, . . Wednesday, Thursday, Friday.

Board of Instruction.

Ivory F. Frisbee, A.M., Ph.D., Principal, Teacher of Latin and Greek; Everett Skillings, Teacher of Mathematics; Oliver Frost Cutts, Teacher of Rhetoric and Elocution; Alvin Warren Foss, Teacher of Latin; Fred Austin Knapp, Teacher of Mathematics; Ralph Hermon Tukey, Teacher of Ancient History; Oliver Henry Toothaker, Teacher of Mathematics and Latin.

C
331 H
1896-97

CATALOGUE

OF

BATES COLLEGE

1896-97.

CATALOGUE

OF

BATES COLLEGE

LEWISTON, MAINE.

1896-97.

LEWISTON, MAINE:
PRINTED AT THE JOURNAL OFFICE.
1896.

1897

JANUARY.

Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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FEBRUARY.

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NOVEMBER.

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DECEMBER.

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1898

JANUARY.

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FEBRUARY.

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MARCH.

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APRIL.

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MAY.

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JUNE.

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CALENDAR.

1896.
Sept. 8—Fall Term begins, Tuesday.
Nov. 26—Thanksgiving Day, Holiday, Thursday.
Dec. 4—Fall Term closes, Friday.
1897.
Jan. 12—Spring Term begins, Tuesday.
Jan. 28—Day of Prayer for Colleges, Thursday.
Feb. 22—Washington's Birthday, Holiday, Monday.
March 16–26—Sophomore Preliminary Declamations, 2 P.M.
Prize Division, 7.30 P.M.
April 2—Spring Term closes, Friday.
April 13—Summer Term begins, Tuesday.
June 23–26—Examination of the College Classes, Wednesday–Saturday.
June 27—Baccalaureate Exercises, Sunday, 10.30 A.M.
" 27—Sermon before the College Christian Associations, Sunday, 7.45 P.M.
" 28—Sophomore Prize Debate, Monday, 2.30 P.M.
" 28—Junior Exhibition, Monday, 7.45 P.M.
" 29—Annual Meeting of the Alumni, Tuesday, P.M.
" 29—Class Day Exercises, Tuesday, 2.30 P.M.
" 29—Concert, Tuesday, 7.45 P.M.
" 30—Examination for Admission to College, Wednesday, 9 A.M.
" 30—Annual Meeting of the Corporation, Wednesday, 9 A.M.
" 30—Reception to Graduates by Members of Faculty, Wednesday, 2 to 5 P.M.
" 30—Literary Exercises of the Alumni, Wednesday, 7.45 P.M.
July 1—Commencement, Thursday, 10 A.M.
" 1—Address before the Literary Societies, Thursday, 7.45 P.M.
" 2—President's Reception of the Graduating Class, Friday, 8 P.M.
Sept. 6—Examination for Admission to College, Monday, 2 P.M.
" 7—Fall Term begins, Tuesday.
Oct. 25–Nov. 6—Freshman Preliminary Declamations, 2 P.M.
Prize Division, 7.30 P.M.
Nov. 11–24—Sophomore Debates, 2 P.M.
Dec. 3—Fall Term closes, Friday.

GENERAL INFORMATION.

FOUNDATION.

Bates College grew out of the Maine State Seminary, chartered in 1855. In 1862 sixteen young men in this school petitioned the Trustees to provide facilities for collegiate instruction. In the fall of 1863 the first Freshman class was admitted, and in the winter of 1864 a new charter was secured, and Maine State Seminary became Bates College. In 1868 the preparatory school, which had been continued in connection with the college, was removed to a building erected for its use, and began its separate existence as the Latin School. The name Bates College was given by the Trustees in grateful acknowledgment of the generosity of Mr. Benjamin E. Bates of Boston, Mass., one of the founders of the city of Lewiston. Mr. Bates had taken a warm interest in the Seminary, and it was his encouragement, with a subscription in 1853 of $25,000, which led to its development into the college. To this sum he subsequently added $75,000. Mr. Bates died in 1877. Other friends have generously aided the institution, but none of their benefactions have equaled in amount the gifts of its founder.

Lewiston, in which the College is situated, is the second city in population in Maine, having about twenty-five thousand inhabitants. It is on the east bank of the Androscoggin, thirty-five miles north-east of Portland. It is connected by four bridges with Auburn, a city with twelve thousand inhabitants, on the opposite bank of the river. The two cities are among the most enterprising and progressive in the East. Many of their public buildings are exceptionally beautiful and substantial. Their excellent public schools are constantly bringing to the two cities from all parts of Maine, and even from adjoining States, parents eager to secure a good education for their children. The Latin School, the Lewiston High School, and the Edward Little Institute of Auburn, rank among the best preparatory schools in New England. The pulpits of Lewiston and Auburn are occupied by able and scholarly men, and residents of few towns have better facilities

for hearing the representative lecturers and orators of our country. The two cities are remarkably healthful, are situated amid some of the most beautiful scenery of the Androscoggin valley, and combine in a rare degree the educational influences afforded by the presence of business energy, of scholarly leisure, and of attractive environments. They are a little more than four hours distant from Boston, and are accessible from all directions by means of three railways,—the Grand Trunk and two lines of the Maine Central. The college grounds consist of fifty acres in the suburbs of Lewiston. They have great natural beauty and command fine views of the surrounding country. From the summit of Mount David, given by Mrs. Archibald Wakefield and the late Mrs. John M. Frye, as the site for an astronomical observatory, the White Mountains, more than fifty miles away, are distinctly visible.

CHARACTER OF THE COLLEGE.

The college is unsectarian in all its aims and methods, but it is unequivocally Christian. Breadth and thoroughness are sought, not only in literary and scientific attainments, but in moral and spiritual culture. What are called the vices of student life are practically unknown at Bates. No student can be a member of the college without taking and keeping a pledge to abstain from alcoholic drinks. Hazing has never been tolerated. A large percentage of the students are actively religious, and among them are represented nearly all the religious denominations of New England. It has been the constant aim of the college to encourage and aid students of limited means and to exclude such habits and customs as lead to extravagant and unnecessary expenditures. From its organization in 1863, the college has received young women on the same terms with young men, thus beginning on the Atlantic sea-board the movement for the higher education of women.

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TERMS OF ADMISSION.

The requirements for admission to the Freshman Class are as follows:

Latin.

Six Books of Virgil's Æneid;
Four books of Cæsar's Gallic War;
Six Orations of Cicero;
Thirty Exercises in Jones's Latin Composition, or an Equivalent;
Latin Grammar, including Prosody;
Translation of Easy Latin at sight.

Greek.

Four Books of Xenophon's Anabasis;
Two Books of Homer's Iliad;
Twenty Exercises in Jones's Greek Composition, or an Equivalent;
Greek Grammar;
Translation of Easy Greek at sight;
Ancient History and Geography.

Mathematics.

1. Algebra, through Equations of the Second Degree, including Ratio and Proportion, Arithmetical and Geometrical Progression, and the use of the Binomial Formula.

2. Plane Geometry, including all the original exercises as given by Wells or Wentworth.

English.

I. The correction of sentences faulty in syntax, diction, or construction.

II. The writing of an essay upon some subject taken from one of the books named in III.

III. *Reading.* The candidate will be required to present evidence of a general knowledge of the subject-matter of the books read, and to answer simple questions on the lives of the authors. The books set for this part of the examination will be:

1897.—Shakespeare's As You Like It; Defoe's History of the Plague in London; Irving's Tales of a Traveller; Hawthorne's Twice Told Tales; Longfellow's Evangeline; George Eliot's Silas Marner.

1898.—Milton's Paradise Lost, Books I. and II.; Pope's Iliad, Books I. and XXII.; The Sir Roger De Coverley Papers in the *Spectator;* Goldsmith's Vicar of Wakefield; Coleridge's Ancient Mariner; Southey's Life of Nelson; Carlyle's Essay on Burns; Lowell's Vision of Sir Launfal; Hawthorne's The House of the Seven Gables.

IV. *Study and Practice.* This part of the examination presupposes the thorough study of each of the works named below. The candidates will be examined upon subject-matter, form, and structure. The books set for this part of the examination will be:

1897.—Shakespeare's Merchant of Venice; Burke's Speech on Conciliation with America; Scott's Marmion; Macaulay's Life of Samuel Johnson.

1898.—Shakespeare's Macbeth; Burke's Speech on Conciliation with America; De Quincey's Flight of a Tartar Tribe; Tennyson's The Princess.

Graduates of preparatory schools whose methods and courses of study are approved by the Faculty of the College may be admitted provisionally, upon the certificates of the principals of such schools. The certificates must clearly show that the amount and quality of the work done by those who present them are equivalent to the published requirements of the College. At the close of the first term all who have done scholarly work and maintained satisfactory deportment will be admitted to full standing. No student will be admitted to the College without giving proof of a good moral character.

All candidates for advanced standing will be examined in the preparatory studies, and also those previously pursued by the class they propose to enter, or in other studies equivalent to them.

Certificates of regular dismission will be required from those who have been members of other colleges.

The regular examinations for admission to College take place on Wednesday preceding Commencement, and on Monday preceding the first day of the Fall Term.

The examinations for admission to College will be both written and oral.

No special students are admitted to any of the College classes.

COURSES OF INSTRUCTION.

It is the aim in each department to exemplify the methods and results of a scholarship at once sound and progressive. All the work of the Freshman year is required. Electives are introduced in the Sophomore year and are increased in number as the course goes on. The essentials of a liberal education are constantly kept in view and the attainment of knowledge is made tributary to the love of study, the habit of investigation, and the tastes and aptitudes of the scholar. The individuality of students is recognized and encouraged without the sacrifice of breadth and thoroughness. Class-room work is supplemented by original observation and research and by a systematic use of the College Library.

Philosophy.

The subjects assigned to this department occupy the time allotted to one daily study for the three terms of the Senior year, Logic in the Spring term being elective.

The mode of instruction combines lectures, recitations from text-books, collateral reading, and essays upon assigned topics. In Psychology due attention is given to recent physiological investigations and to the history of the evolution of theories of knowledge, and also to the practical bearing of psychological truths upon the formation of character and upon successful work in the higher avocations. The aim constantly kept in view is not to secure the memorizing of words, but habits of exact and inquisitive thought.

In Logic, special effort is made to elucidate the mental processes employed in the formation of concepts, in deductive Logic, and especially in Induction and the Scientific Method. Attention is specially directed to the grounds of induction and of the validity of knowledge, and, as much as the time allows, to historic inquiry into the rise and relationships of the various schools of philosophic thought.

In Ethics, besides an examination and criticism of the principal phases of ethical theory and a study of the applications of ethical principles to correct thinking and to the conduct of life, the origin and evolution of ethical ideals are traced and the corresponding moral progress of the historic races; also the help afforded by Christianity to that progress and to the attainment of an ultimate ideal.

Beginning with 1895, one hour each week will be given during the Freshman year to instruction in Christian Ethics. The aim of this course will be to show that both individual excellence and social progress are dependent upon the application of Christ's teachings to the problems of character and conduct presented in the life of to-day; and that the adaptation of Christianity to human needs and aspirations is an abiding proof of its divine origin. The teachings of the text-book used will be supplemented by talks, lectures, and discussions. There will be a constant endeavor to make the work practical.

Greek and Latin.

In addition to a critical study of Latin and Greek, special attention is given to the history and philosophy of the Greeks and Romans, their political institutions, religion, art, amusements, and domestic life.

The study of Greek and Latin is required throughout the Freshman year, four recitations a week in each. Greek is studied in the winter term of the Sophomore year and Latin in the spring. In Latin each year are generally read one of the books of Livy, one of the philosophical treatises of Cicero, some of the odes, epodes, satires, and the Ars Poetica of Horace, either the Germania and Agricola of Tacitus or extracts from his Histories or Annals, some of the satires of Juvenal, and occasionally portions of Lucretius. In the Greek course are read extracts from Herodotus and Thucydides, some of the orations of Demosthenes or Lysias, one of the tragedies of Æschylus, Sophocles, or Euripides, and one of the dialogues of Plato. Occasionally the classes read portions of Xenophon's Memorabilia and of Homer's Odyssey, some of the odes of Pindar, and the Clouds of Aristophanes. A part of each recitation hour is devoted to reading at sight.

Modern Languages.

German is studied by the Junior Class throughout the year, and French by the Sophomore Class two terms. In the Summer Term, Advanced German or French is elective to Seniors and Juniors. The course of study is so arranged in each language that a thorough knowledge of its grammar, readiness in ordinary composition, a well-trained ear, and familiarity with the chief works of some of the best authors, may be acquired.

While, of course, some time is devoted to conversation, especially in preliminary study, still it is not the leading aim in the instruction to enable the student to converse fluently. The time given to each language does not admit of this, nor is the class-room best adapted to training in the ordinary conversational idiom. This may be pursued more profitably elsewhere. The end sought is to enable the student so thoroughly to master the language pursued that he may appreciate and enjoy its masterpieces, and may use it skillfully in other and varied departments of study to which he may subsequently devote himself.

English, Rhetoric, and Oratory.

FRESHMAN YEAR.

1. A critical study of poems selected from Tennyson. One hour a week during the year. This work includes the application of English prosody, interpretations, paraphrases, occasional essays, and the various means by which it is believed that students may be led to read and appreciate the best English poetry.

2. Elementary Rhetoric. One hour a week during the year. The aim of this course is to correct the faults in the use of language, spoken and written, with which many students enter college, and to assist them in the formation of a good style.

3. Six themes during the year, two each term. The subjects for these themes are selected with a view to the development of the love of good reading, of the power of vivid narration and description, and of the delineation of character.

4. In the first term, prize declamations, for which every member of the class is prepared by special instruction and drill; in the second and third terms, declamations by every member of the class, with both general and individual instruction.

SOPHOMORE YEAR.

1. Rhetoric, constructive and critical. As much attention as possible will be given to practice and composition. Four hours a week during first term.

2. In the second term, study of selected poems in connection with the lives and times of their authors. Twice a week.

3. In the first term, prize debates by divisions of the class. The subjects are announced at the close of the first term of the Freshman year, and every argument is expected to give evidence of careful reading and vigorous thinking during the year following the announcement of the questions. In the second term, two themes are required from each member of the class. In the third term, during Commencement week, occurs the Champion Sophomore Prize Debate, participated in by speakers chosen from those presenting the best arguments in the debates of the first term. The remaining members of the class present each an essay in competition for a prize for the best theme upon a prescribed subject.

4. In the second term, prize declamations, with special drill for every member of the class.

JUNIOR YEAR.

1. History of English Literature. Once a week. Fall term.

2. Critical Study of Plays from Shakespeare and of Poems selected from Milton, Wordsworth, etc. Required reading in the works of the great writers of the Elizabethan age. Five times a week. Fall term.

3. An essay in criticism of one of Burke's or of Webster's Speeches, with special reference to the laws of Persuasion. Fall term.

4. Original prize declamations upon assigned subjects. Each member of the class reads his part before a committee, by whom the best twelve parts are selected to be delivered in a prize contest, Commencement week. The best part remaining receives a prize.

5. Six lectures on Literary Criticism, with special reference to works of fiction. Spring term.

6. Critical study of poems from Browning (elective). Summer term, 1896; or critical study of English essayists (elective), 1897. Five hours a week.

SENIOR YEAR.

1. An essay by each member of the class in criticism of some classic in English or American fiction. Fall term.

2. History of the English Language (elective). Six weeks during Spring term.

3. Critical study of Chaucer; Prologue to Canterbury Tales and two of the Tales. Topical study of English History in the time of Chaucer in connection with the examination of his poems (elective). Six weeks. Spring term.

4. Senior Exhibition, original parts. Each member of the class reads his part before a committee, by whom twelve are selected to speak in the exhibition. Spring term.

5. Commencement parts. Each member of the class writes, but the speakers for Commencement are selected for scholarship.

6. Critical study of poems from Browning (elective). Summer term, 1896; or critical study of English essayists (elective), 1897. Five hours a week.

Mathematics.

The study of Mathematics is pursued throughout the first two years of the course, there being five recitations weekly. During the Freshman year, mathematical work is required; during the Sophomore year it is elective. The first term of the Freshman year is devoted to algebra. The subjects taken are binomial theorem, undetermined coefficients, choice and chance, series, continued fractions, variables and limits, theory of equations, the graphical representation of equations, etc. The second term is given to solid and spherical Geometry, with original demonstrations. Especial emphasis is placed upon original work, it being considered of the highest disciplinary value. Plane and spherical Trigonometry occupies the last term of the year. Surveying is elective. Those who choose the subject have field practice, and compute areas and make plans of their surveys. The first half of the Sophomore year is given to Analytical Geometry; the second half to the Differential and Integral Calculus. Numerous illustrative examples are given in connection with both these subjects.

Chemistry.

The course includes recitations, lectures, and laboratory practice. The work begins with lectures and recitations on the non-metallic elements and their compounds. In connection with these subjects the elements of Theoretical Chemistry are taught and the students are given practice in the solution of a variety of chemical problems.

In the laboratory the students receive instruction in chemical manipulation and perform a series of experiments designed to illustrate the properties of the more important elements and the laws of chemical action.

In qualitative analysis instruction is given by lectures, and the class work in the laboratory ten hours a week. The methods employed are mainly inductive and are designed to develop the observing powers and to awaken the spirit of investigation.

In quantitative analysis the work is entirely in the laboratory. The instruction aims to make the students familiar with the best methods of determining all the principal elements and also the most important type-processes both of gravimetric and volumetric analysis.

Physics.

Physics is required five hours a week for the spring term of the Sophomore year. The work consists of recitations and lectures, and is devoted to an elementary survey of the field, touching lightly on the subjects taken up in subsequent studies.

Elective Physics is pursued during the fall and spring terms of the Junior year, and an additional term will be added to the course as soon as practicable. The work consists of three hours per week of recitations and lectures, and four hours per week of laboratory exercises. The aim is to secure the ends both of general education and teaching as far as practicable. Both qualitative and quantitative laboratory exercises are given, and the proportion of each varies to meet the requirements of the student. Special exercises will be given to students of suitable tastes and attainment, and special opportunities are afforded for the study of the construction and use of apparatus.

Geology.

The course in Geology consists of selections from LeConte's Elements of Geology used as a text-book, supplemented with lectures and field work. The earth and its inhabitants are studied with special reference to the doctrine of Evolution, and the modern views of that subject are explained and illustrated.

Astronomy.

The course in Astronomy occupies one term. The text-book is Young's General Astronomy.

Biology.

BOTANY.

The aim of the course in Botany is, while giving to the student an introduction to the science and a glimpse of its vast and ever-widening field, to awaken in him an enthusiasm for individual research and an open-eyed sympathy with nature. For this purpose it is not deemed sufficient simply to study in the text-book the structure and classification of plants in the highest vegetable series, or to become able to recognize a few score of the flowering plants. Yet, as most interesting to the beginner, and as affording the readiest way from the study of the book to the study of the living organisms, this is the first work attempted.

Instruction also is given respecting the lower grades of plant life, the evolution of organisms from the simple cell, the modes of plant nourishment and of propagation, and the varieties of vegetable parasites that are injurious to the higher orders of vegetables and to animal life. The method of instruction combines lectures, use of text-book, field and laboratory work.

ZOÖLOGY.

The course in Zoölogy consists of lectures and recitations, with laboratory work. Typical examples illustrating the various groups of the animal kingdom are examined and dissected by the class. Some attention is given to the systematic classification of species, but the subject is presented mainly in its biological relations, with the object of enabling the student to get as much knowledge as possible of the origin and development of animal forms, their structure and mutual relations, and the general principles which underlie and govern all animal life.

ORNITHOLOGY.

Considerable attention is given to the study of Ornithology, apart from that of general zoölogy. In the fall term twelve lectures are given to the Sophomore Class on the characteristics of birds — peculiarities of physical structure, flight, utility, song, beauty, intelligence, and migration; on the fossil, sub-fossil, and extinct birds, and on classification. The last lecture of the term is devoted to the winter birds of Maine. This lecture is preparatory to the work to be done by the class during the winter. Prizes are given to the members of the class that report the longest lists of birds observed and carefully identified between the first of December and the middle of March. Two prizes are also given to the class for the best winter sketches of not more than two thousand words each. In the twelve lectures given in the spring all the species of the inland birds of Maine are described and the mounted specimens are shown to the class. Four times a week, from the last of March to the middle of June, the members of the Sophomore Class make early morning excursions of one hour and a half to the fields and woods in search of the birds. Particular attention is directed to the songs and notes of the birds. From 75 to 130 different species are recognized in one year by the careful observers.

History and Political Science.

Instruction in History begins with the spring term of Sophomore year, and is continued in Junior and Senior years.

The aim of the earlier courses is to give the student a clear outline of historical facts in their chronological sequence and relations, to introduce him to the most valuable books, to develop the historic imagination, and to stimulate a taste for independent research.

In the subsequent courses emphasis is placed upon the political and constitutional aspects of history, with special reference to the development of popular institutions in England and America; effort is made to cultivate a discriminating and critical judgment of men and events; students are trained in the best methods of historical investigation and required to do original work.

The instruction is carried on by means of recitations, references to the library, collateral readings, abstracts and reports, frequent examinations, informal lectures, and papers and discussions upon topics assigned. Each student should own an inexpensive historical atlas and some good compendium of general history, in addition to one or more manuals bearing directly upon the period under investigation.

1. The work opens with a brief *résumé* of Ancient History prior to the Teutonic migrations. This is followed by a more detailed study of Mediæval Times (375–1453) ; Germanic Institutions ; Charlemagne ; the Mohammedans in Europe ; the Papacy and the Civil Power ; Monasticism ; Feudalism ; the Saxons and Normans in Britain ; the Crusades ; England and France.

2. A study of the Modern Era (1453–1789), including the Renaissance in Italy, Germany, France, and England ; the Discovery of America ; the Protestant Reformation ; the Struggle for Constitutional Liberty ; the French Monarchy ; France and England in the New World ; and the American Revolution.

3. The French Revolution and the Nineteenth Century. A study of the causes and consequences of the Revolution in France ; the Napoleonic Era ; the Rise of Prussia and Russia ; the Growth of Democracy and Liberty ; and the Unification of Italy and Germany.

4. The Political and Constitutional History of America. A study of Local Government in the Colonies ; Colonial Charters ; Political Parties ; the Constitution ; State and Municipal Institutions.

5. The Constitutional History of England. A study of the Origin and Growth of the English Constitution ; Early Charters ; Parliamentary Government ; and comparison of present Constitutions of England, France, Germany, and the United States.

Economics and Sociology.

The work in Economics and Sociology begins with the spring term of Junior year, and is continued in Senior year.

The methods of instruction are similar to those pursued in the more advanced work in History. Students are trained to scientific habits of thought upon all economic, industrial, and social phenomena, and are encouraged to independent thinking.

1. The Elements of Economic Science. This is an outline course in the Principles of Economics. The work of the text-book is supplemented by readings and discussions. Required of Juniors.

2. Advanced Economics. A brief historical view of economic thought ; a comparative and critical study of leading economists,

including Ricardo, Mill, Marshall, Cairnes, Roscher, Jevons, and others, with special reference to Money, Banking, Taxation, and the Tariff. (Elective for those who have taken Course 1.)

3. Social Science. A study of the principles of Sociology, together with living social problems; the Family; Immigration; Pauperism; Charities; Crime; Socialism.

SYNOPSIS OF COURSE OF STUDY.

Freshman Year.

FALL TERM.

Mathematics—Algebra completed, ... Wells.
Greek—Odyssey, Books VI.-VIII.
Latin—De Senectute, De Amicitia.
Christian Ethics (weekly).
English—Tennyson (weekly).
Two Themes.
Elocution—Prize Declamations, with class and individual drill.

SPRING TERM.

Mathematics—Solid and Spherical Geometry, with original propositions, ... Phillips and Fisher.
Greek—Œdipus Tyrannus of Sophocles.
Latin—Germania and Agricola of Tacitus.
Christian Ethics (weekly).
English—Tennyson (weekly).
Two Themes.
Elocution—Voice Culture and Drill on Selections.

SUMMER TERM.

Mathematics—Plane and Spherical Trigonometry, with Richards's Manual and Sphere, ... Wells.
Surveying (elective).
Greek—Demosthenes.
Latin—Horace.
Christian Ethics (weekly).
English—Tennyson (weekly).
Elocution—Voice Culture and Drill on Selections.

Sophomore Year.

FALL TERM.

Mathematics—Analytical Geometry (elective), . . Hardy.
French—Keetel's Grammar, Racine's Athalie, and Du Croquet's French Conversation, Recitation, and Reading.
Greek—Plato, Apology and Crito (elective).
English—Rhetoric.
Prize Debates participated in by all the members of the class arranged in divisions.
Ornithology—Lectures (weekly).

SPRING TERM.

Mathematics—Analytical Geometry completed (elective), Hardy.
Calculus begun (elective), . . . Taylor.
French—Super's Readings from French History, La France, and French Literature.
Physics.
History—Ancient and Mediæval to Discovery of America (elective).
English—Study of Selected Poems.
Two Themes.
Elocution—Prize Declamations, with class and individual drill.

SUMMER TERM.

Mathematics—Calculus completed (elective), . . Taylor.
German—Collar's Eysenbach's German Grammar, and Meissner's German Conversations.
Latin—Juvenal (elective).
History—England and France (elective).
Botany.
English—Champion Prize Debate participated in by eight members of the class.
Prize Essay, all members of the class competing except the eight debaters.
Elocution—Two Declamations by all the members of the class except the eight debaters.
Ornithology—Lectures (weekly).

Junior Year.

FALL TERM.

German—Brandt's German Reader, Stein's German Exercises, and Meissner's German Conversations.
Physics—Recitations, Lectures, and Laboratory work (elective).
History—Early American (elective).
English—History of English Literature.
Critical Study of English Authors.
One Theme, Criticisms of Masterpieces of English or American Oratory.
Elocution—Class Instruction.

SPRING TERM.

Physics—Recitations, Lectures, and Laboratory Work (elective).
German—History of German Literature, Deutschland, Immensee, and Bilder aus Deutschen Literature.

Latin (elective).
Elements of Economic Science.
English—Two Themes.
Six Lectures upon Literary Criticism.
Elocution—Class Instruction.

SUMMER TERM.

German or French, alternate years (elective).
Chemistry—General and Theoretical, ... Remsen.
Astronomy (elective).
Advanced Economic Science (elective).
English—Critical Study of English Essayists (elective), 1897.
Critical Study of Poems from Browning (elective), 1898.
Original Prize Declamations for Junior Exhibition.
Elocution—Class and individual drill.

Senior Year.

FALL TERM.

Psychology (with lectures).
Geology (elective).
Chemistry—Qualitative Analysis (elective).
Constitutional History of England and America (elective).
English—One Essay, a Criticism of some standard work of fiction.
Elocution—Class Instruction.

SPRING TERM.

Logic (elective), ... Davis.
Chemistry—Mineral and Organic Analysis (elective).
Zoölogy (elective).
History—The Nineteenth Century (elective).
English—Critical Study of Chaucer, Skeat's edition (elective).
History of the English Language (elective).
Senior Exhibition Parts.

SUMMER TERM.

Moral Philosophy (elective).
Chemistry—Quantitative Analysis (elective).
Principles of Sociology (elective).
English—Critical Study of English Essayists (elective), 1897.
Critical Study of Poems from Browning (elective), 1898.
Graduation Parts.
German or French, alternate years (elective). French in 1897.

A course of Lectures on Bible topics will be given during the year by several eminent scholars.

Laboratories.

CHEMICAL.

The Chemical Laboratory was completed in 1889. It is called the Hedge Laboratory, in honor of the late Isaiah H. Hedge, M.D., of Waukon, Iowa, who generously furnished the means for its erection. It is a two-story brick building, finely located, and of attractive modern style. On the first floor are the chemical lecture-room, with rooms adjoining for chemicals and apparatus, and a large room occupied by the mineralogical cabinet. The room for the laboratory work of the class occupies the most of the second floor. It is well lighted, thoroughly ventilated, and conveniently fitted with sinks, hoods, and tables sufficient to accommodate forty-eight students. Adjoining this room are the weighing and apparatus rooms and the private laboratory of the professor.

The arrangement and appliances of the whole building are in accordance with the most approved plans of modern laboratories.

The apparatus has been recently somewhat increased from funds contributed by members of the alumni and other friends of the college. It is hoped that further additions in the same line may soon be made.

PHYSICAL.

The Physical Department is located on the lower floor of Hathorn Hall. It comprises a well-arranged lecture room, a large and well-appointed general laboratory, an apparatus room, a dynamo room and work-shop, and a dark room. These are conveniently arranged and well furnished for their purposes. They are provided with excellent tables and seats, with water, gas, steam, and direct and alternating electric currents. The collection of apparatus for lecture purposes and for students' laboratory work is rapidly growing. Among recent additions are a 1600 watt dynamo with water-motor, a college lantern with arc-light, ohm- and volt-meters for both direct and alternating currents, a screw-cutting lathe, six Wheatstone's bridges of the post-office pattern, several slide wire bridges, reflecting and tangent galvanometers, goniometer, spectroscope, etc.

Cabinets.

BOTANICAL.

The nucleus of the Herbarium was gathered many years ago by an enthusiastic botanist, the late Dr. Aaron Young. It contained a representative collection of New England—especially of Maine plants, a part of which was gathered during the State Geological Survey, conducted by the late Dr. Charles T. Jackson. The plants chiefly used now, however, in the identifying of species, are those that have been pressed and mounted in the laboratory and the herbarium of the late President Chadbourne of Williams College, Mass., which was purchased by the College.

Of this, Dr. O. R. Willis, a distinguished botanist of New York, has said: "It is one of the best working Herbariums I have ever examined." Besides its collection of New England plants, including the grasses, sedges, ferns, etc.,—in all about two thousand specimens, it has several groups of ferns from other countries, also pretty full collections of mosses and lichens, named by the highest authorities, and more than a thousand fungi. There are collections of the plants of New Jersey, Tennessee, and Florida, also from several foreign countries, illustrating the identity of many families in Europe and America. There are also collections from Greenland, Labrador, and the tropics, and mountain flora from the Rocky Mountains, the White Mountains, and the Alps. There are also some fifteen hundred duplicates. These are in cabinets of the most approved construction.

MINERALOGICAL.

The cabinet of Minerals, Shells, and Fossils occupies one room of the Hedge Laboratory. The collection is conveniently arranged and is steadily growing. No attempt is made to secure showy shelf specimens of great cash value. Educational value is the only thing considered. All the common minerals, and many of those of rare occurrence, are fully represented by typical specimens. It is intended to make the collection of local minerals as complete as possible. Among the shells and fossils are many choice specimens.

ORNITHOLOGICAL.

The ornithological collection contains mounted specimens of nearly all the New England birds, besides many from other parts of the United States and from foreign countries. In all there are about a thousand specimens.

Libraries.

The number of volumes in the different libraries is as follows:

College Library (exclusive of Pamphlets), . .	12,543
Society Libraries, ...	1,600
Total, ...	14,148

The College Library has been selected with special reference to the needs of the several departments. It is composed mainly of modern publications, and contains many important works of reference. It is increased each year by a regular appropriation. It is open five hours a day for consultation and the delivery of books.

The Librarian is preparing a new catalogue and making many important improvements in the condition of the Library.

Physical Culture.

The medical advisers give all students a thorough examination during the first term of their attendance at college. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength, and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. A hand-book containing the exercises prescribed for the correction of any physical defects shown by his chart, and giving specific directions in regard to diet and bathing, is furnished each student.

During the latter part of the fall and all of the winter term each class is required to exercise in the Gymnasium, under the supervision of the Director, for forty minutes on five days of every week. A graded course of class exercises has been arranged. The Freshmen have military drill and Indian-club swinging; the Sophomores, wrestling and dumb-bell drill; the Juniors, fencing with single sticks and broad-swords.

Gymnasium work for the Seniors is optional. For the exercises with chest-weights, bar, rings, etc., each class is divided into divisions, and the work is carefully graded to suit the strength of each division.

The young ladies' work consists of fancy steps, Swedish movements, wand, Indian-club, and dumb-bell exercises; also special work on developing appliances.

The Gymnasium is steam heated and equipped with the apparatus necessary for the thorough and systematic training and development of the human body. This apparatus is new and of the most approved modern pattern. In the basement of the Gymnasium are convenient bath-rooms, provided with lockers, hot and cold water, dip baths, shower baths, etc.

Eight fine tennis courts offer abundant opportunity for this healthful game.

The base-ball and foot-ball grounds, on the east of Mt. David, afford ample opportunities for the more vigorous forms of out-door exercise.

Religious Exercises.

At the close of each morning recitation all the students, with the Faculty, assemble in the chapel for prayer, reading of scripture, and singing. The Students' Christian Associations—Young Men's and Young Women's—hold a union meeting every Wednesday evening, in the Association room, from 6.30 to 7 o'clock. The Y. M. C. A. also hold a meeting Sunday mornings from 9.30 to 10 o'clock. Voluntary classes for Bible study are carried on through the year. The prayer-meetings of the Y. W. C. A. are on Fridays from 6.35 to 7.15 P.M.

The methods employed are successful in making the meetings varied, attractive, earnest, and spiritual. One meeting each month is devoted to some phase of missionary work.

In addition to these, weekly class prayer-meetings are held and are usually well attended.

The last Thursday in January is observed as "The Day of Prayer for Colleges," and is set apart entirely for meetings with a religious purpose. A sermon, to which the public is invited, is preached in the chapel at 2.30 P.M. It is hoped that Christian friends of the College generally will remember this day.

Reading-Room.

The College has a Reading-Room, independent of the Library, supplied with a large number of the best daily and weekly newspapers, monthlies, and quarterlies. It is kept open during the whole day.

College Magazine.

The *Bates Student* is published monthly under the direction of the Editors and Managers selected from the Junior Class. The first number was issued January, 1873.

Literary Societies.

The College has no secret societies. It is doubtless owing largely to this fact that all the students unite with an earnest and wholesome interest in the support of the two literary societies, the EUROSOPHIAN and the POLYMNIAN. Much systematic work is devoted to preparation for the weekly meetings, which are held on Friday evenings, and are occasions not merely of social pleasure but of most useful drill.

The programmes contain assignments that encourage musical culture, literary criticism, and essay writing.

The meetings afford thorough discipline in debate and in the proper conducting of deliberative assemblies, together with a stimulus to excellence in these attainments that to many is an educating force rarely found in colleges, and hardly second in utility to any department of the curriculum.

Yearly Expenses.

Tuition,	$50.00		$50.00
Room Rent,	9.00	to	18.00
Board (37 weeks, from $2.00 to $3.00 per week),	74.00	to	111.00
Wood, lights, washing, books, etc.,	30.00	to	35.00
Use of Library,	3.00		3.00
Incidentals and Repairs,	8.00	to	10.00
Catalogues,	1.00		1.00
Instruction in Gymnasium,	3.00		3.00
Total,	$178.00		$231.00

Students taking Laboratory courses in Chemistry and Physics are charged an extra fee of five dollars each term.

The Freshmen pay a fee of one dollar for their medical examination, chart, and hand-book.

Board in private families (washing, wood, etc., included), $4.00 to $5.00 per week.

College bills for the Fall Term must be paid by November 1st, and for the Winter Term by March 1st. Students unable to pay their bills on or before the above dates are required promptly to present to the Faculty in writing their reasons why further time is necessary. Bills for the Spring Term must be paid by May 16th. Requests for an extension of time beyond this date must be made in writing to the College Treasurer.

Rank Bills.

These are sent to the parent or guardian of each student at the close of every term.

Degrees.

The Degree of Bachelor of Arts is conferred on all students who complete satisfactorily the full course of study.

The Degree of Master of Arts is conferred on Bachelors of Arts of at least three years' standing who have completed one year's graduate non-professional study or its equivalent. Either two or three subjects may be selected, with the advice and under the direction of the heads of the College departments. Evidence of proficiency is to be given by examination and thesis. Theses must be presented as early as June 1st, and examinations must be passed not later than ten days before the annual Commencement. The fee is $10.00. Modifications of the foregoing conditions may be granted resident graduates.

Buildings.

The College has five buildings—Hathorn Hall, Parker Hall, Hedge Laboratory, Gymnasium, and President's House.

Examinations.

All the classes are subjected to written examinations at the close of each term.

Funds.

Funds are needed for the endowment of Professorships, Scholarships, and the Library; for the erection of a Library building, and a Hall for the young ladies of the College.

The following are some of the grounds on which the College solicits aid:

1. To a large number of young men and young women it offers their sole reasonable hope for obtaining a liberal education.

2. It is recruiting the ranks of educators, East, South, and West, with a body of scholars and teachers of signal ability and influence.

3. No College in the country has been more successful in securing character as well as scholarship.

4. The work of the College has no taint of sectarianism.

5. The location of the College seems the best possible for its usefulness. It can gather young men and young women of small means but of great promise, and can give them the New England culture of heart and mind to be used for the good of our entire country.

6. It took up the cause of higher education for women when it was unpopular.

7. Nowhere in our country is there a more vital connection between every dollar to educational work and the forces that are shaping our Christian civilization.

The College is in sore need of a larger endowment. $25,000 will endow a professorship. It is painfully embarrassed by the small number of its scholarships. $1,000 will endow a perpetual scholarship.

It is in pressing need of a Library building and fund.

Form of a Bequest.

"I give and bequeath to the President and Trustees of Bates College, a corporation existing in Lewiston, Maine, the sum of————dollars, in trust, the principal of said sum to be safely invested by them, and the income thereof appropriated under their direction for the purposes of the College."

SCHOLARSHIPS.

State Scholarships.

There are ten State Scholarships (giving tuition to ten students) in the hands of the Governor; and in bestowing them preference is given to the children of those who have borne arms in defense of their country, and always to students who are needy and meritorious.

Each of the following scholarships has been endowed by a donation of one thousand dollars, and it gives free tuition to the student elected to hold the scholarship:

Redington Scholarship—For a Lady Student.

Endowed by the late Hon. Asa Redington, LL.D., of Lewiston. This is supposed to be the first instance of such an appropriation in any of the colleges.

Dudley Scholarship.

Endowed by Alvin D. Dudley, Esq., of Haverhill, Mass.

Cheney Scholarship—For Student from New Hampshire.

Endowed by Hon. Person C. Cheney, A.M., of Manchester, New Hampshire.

Woodman Scholarship.

Endowed by the Paige Street Free Baptist Church, Lowell, Mass., in memory of Rev. Jonathan Woodman, late pastor of the church.

Symonds Scholarship.

Endowed by the Plymouth Free Baptist Church, Portland, in memory of Joseph Symonds, Esq., deacon of the church.

Clements Scholarship.

Endowed by the late Rev. Tisdale D. Clements of Lewiston.

Bridge Scholarship.

Endowed by Charles Bridge, Esq., of Gardiner.

Lewis Scholarship.

Endowed by the late Chace Lewis, Esq., of Providence, R. I.

Class Scholarship.

Endowed by the Class of 1877.

Bartlett Scholarship.

Endowed by the Main Street Free Baptist Church, Lewiston, in memory of Rev. Flavel Bartlett.

Bowen Scholarship.

Endowed by Mrs. Hannah Bowen, in memory of Nathaniel Bowen, Esq., of Providence, R. I.

Cobb Scholarship.

Endowed by the late Hon. C. C. Cobb of Lewiston, in memory of his son, Rev. Frank Woodbury Cobb, A.M., Class of 1873.

Houghton Scholarship.

Endowed by the late Rev. Alphonso L. Houghton, A.M., of Lawrence, Mass., Class of 1870.

Randall Scholarship.

Endowed by Mrs. Abby Randall, in memory of Isaac Randall, Esq., of Johnston, R. I.

Williamson Scholarship.

Endowed by Elias W. Williamson, Esq., Potter's Landing, Md., in memory of his father, Rev. Stephen Williamson of Stark.

Eaton Scholarship.

Endowed by Mrs. Oliver H. Durrell of Cambridge, Mass., in memory of her father, Rev. Ebenezer G. Eaton of Lewiston.

Baldwin Scholarship.

Endowed by the late B. C. Baldwin, Esq., of Lowell, Mass., in memory of his wife.

Bonney Scholarship.

Endowed by Mrs. Harriet Cheney Bonney and Sherman G. Bonney, M.D., in memory of Calvin F. Bonney, M.D., of Manchester, N. H.

Frye Scholarship.

Endowed by Hon. William P. Frye, LL.D., of Lewiston.

Nutting Scholarship.

Endowed by the late Lyman Nutting, Esq., of Lebanon, Pa., in memory of his sister, Mrs. Charlotte Nutting Chadbourne.

Ellis Scholarship.

Endowed by Miss M. A. Wales of Boston, Mass., in memory of her pastor, Rev. Rufus Ellis, D.D.

Talpey Scholarship.

Endowed by Hon. Charles W. Talpey of Farmington, N. H.

Thissell Scholarship.

Endowed by Mrs. Abby T. Deering of Portland, in memory of Hon. John Thissell of Corinth.

Ward Scholarship.

Endowed by Mrs. Mary E. Ward, in memory of her husband, Warren Ward, Esq., of Auburn.

Bean Scholarship.

Endowed by Cyrus E. Bean, Esq., of Portland, in memory of his father, Cotton Bean, Esq., of Limerick.

Small Scholarship.

Endowed by James T. Small, Esq., of Lewiston, in memory of his son, Everett J. Small, Class of 1889.

Dyer Scholarship.

Endowed, for the benefit of some student preparing for the Christian ministry, by Mrs. Irene M. Higgins, in memory of her parents, Mr. and Mrs. Jonah Dyer of Cape Elizabeth.

Cushman Scholarship.

Endowed by Ara Cushman, Esq., of Auburn.

Page Scholarship.

Endowed by Peter Page, Esq., of New York City.

Ramsey Scholarship.

Endowed by Mrs. V. G. Ramsey of North Berwick, in memory of her husband, Rev. G. P. Ramsey.

Mathews Scholarship.

Endowed by John M. Mathews, Esq., of Burlington, Vt., in memory of his daughter, Orissa Frances Mathews.

Perkins Scholarship.

Endowed by Mrs. Moses W. Shapleigh of Ashland, N. H., in memory of her father, Rev. Thomas Perkins.

Woodbury Scholarship.

Endowed by friends of the late Charles Woodbury of Boston, for the benefit of some Methodist student.

Harmon Scholarship.

Endowed by the late Ivory W. Harmon of Newton Center, Mass., in memory of his son, Wallace Ivory Harmon.

Mary L. Stone Scholarship.

Endowed by James S. Stone of Boston, Mass., in memory of his wife.

Waldron Fund.

Given by Rev. William H. Waldron of Farmington, N. H., the interest to pay the tuition of students studying for the Christian ministry.

Student Fund.

Students contemplating the Christian ministry receive assistance every year of the course.

PRIZES.

Prizes will be awarded as follows:

First—For General Scholarship.

To the Junior Class—A first prize of *ten dollars* and a second of *seven dollars.*

To the Sophomore Class—A first prize of *nine dollars* and a second of *six dollars.*

To the Freshman Class—A first prize of *eight dollars* and a second of *five dollars.*

Second—For Excellence in Declamation.

In the Fall Term—To the Freshman Class, two prizes of *ten dollars* each, one to a young man and one to a young woman.

In the Spring Term—To the Sophomore Class, two prizes of *ten dollars* each, one to a young man and one to a young woman.

In the Summer Term—To the Junior Class, a prize of *twenty dollars*, for excellence in original declamation. Also for several years a special prize of *seventy-five dollars* has been given for original declamation.

Third—For Excellence in English Composition.

In the Summer Term—To the Junior Class, a prize of *ten dollars.*

In the Summer Term—To the Sophomore Class, a prize of *ten dollars.*

Fourth—For Excellence in Public Debate.

Fall Term—To each division of the Sophomore Class, a prize of *ten dollars.*

Summer Term—The Champion Debate—A prize of *twenty dollars.* Eight are elected from the Sophomore Class to participate in it.

These prizes have been awarded as follows:

For General Scholarship—First Prize, 1896, to A. W. Foss, Miss A. M. Tasker, O. C. Merrill, Miss E. H. Hayes; Second Prize, 1896, to C. E. Milliken, R. H. Tukey.

For Public Declamation—1895, to C. S. Calhoun, Miss B. M. Whittum; 1896, to W. S. Parsons, Miss E. W. Smith.

For English Composition—1896, to Miss D. M. Twort, M. E. Stickney.

For Public Debate—1895, to Miss A. M. Tasker, O. H. Toothaker, Frank Pearson, A. A. Knowlton, Miss S. M. Brackett.

For Champion Debate—1896, to Frank Pearson.

STUDENTS.

SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
ANDREWS, MABEL CAROLINE,	*Wilmot Flat, N. H.*	211 College Street.
BAILEY, ADELBERT WESLEY,	*Lewiston.*	5 P. H.
BARRELL, CHARLES MARTIN,	*Auburn.*	10 Harris Avenue, Auburn.
BRACKETT, PERCY WENTWORTH,	*Detroit.*	21 P. H.
BURRILL, FRED WILSON,	*Corinna.*	21 P. H.
BUZZELL, MARY,	*Lewiston.*	262 College Street.
CHASE, EMMA VIVIAN,	*Lewiston.*	16 Frye Street.
CHILDS, HERMAN ANDREW,	*Lewiston.*	417 Main Street.
COBB, CAROLINE LILLIAN,	*Ashburnham, Mass.*	239 College Street.
CUNNINGHAM, EDWARD FREEMAN,	*Edgecomb.*	59 P. H.
DURKEE, JAMES STANLEY,	*Yarmouth, N. S.*	2 R. W. H.

Foss, Alvin Warren,	*East Raymond.*	36 L. S. H.
Hanscom, Alpheus Claybert,	*Lebanon.*	63 P. H.
Hanson, Charlotte Mary,	*Auburn.*	16 Highland Avenue, Auburn.
Hewins, Mary Annette,	*Lewiston.*	145 Nichols Street.
Houghton, Nellie Agnes,	*Auburn.*	62 Winter Street, Auburn.
Hubbard, Allen Lewis,	*North Limington.*	161 Wood Street.
James, Stella,	*Harper's Ferry, W. Va.*	112 Wood Street.
Knowles, Margaret Fanning,	*Lubec.*	262 College Street.
Marr, James Archibald,	*Westerly, R. I.*	63 P. H.
Merrill, Susan,	*Brownville.*	211 College Street.
Michels, Nellie Belle,	*Brunswick.*	17 Frye Street.
Milliken, Carl Elias,	*Augusta.*	16 Frye Street.
Noyes, Alice Louise,	*Wilton.*	173 Wood Street.
Palmer, Herbert Lorenzo,	*Charleston.*	49 P. H.
Parker, Horatio Perkins,	*Greene Corner.*	59 P. H.
Porter, Blanche,	*Westbrook, East End.*	137 Nichols Street.
Purinton, Francis Elizabeth,	*West Bowdoin.*	77 Nichols Street.
Roby, Eva Blanche,	*South Sutton, N. H.*	211 College Street.

Sampson, Arthur Laforest,	*Farmington.*	13 P. H.
Skillings, Everett,	*Portland.*	L. S. H.
Slattery, John Francis,	*Lewiston.*	75 Oak Street.
Sleeper, Winifred Sarah,	*Sabatis.*	326 Main Street.
Smith, Ivy Houston,	*Gray Corner.*	17 Frye Street.
Snell, Clara Anna,	*Winthrop.*	262 College Street.
Stanley, Richard Balkam,	*Lewiston.*	32 Frye Street.
Tobien, Arthur Patten Davis,	*Templeton, Mass.*	161 Wood Street.
Twort, Daisy May,	*Lynn, Mass.*	77 Nichols Street.
Vickery, Maud Alice,	*East Machias.*	158 College Street.
Vining, Walter Perley,	*Lewiston.*	Webster Street.
Winn, Mabel Weston,	*Cumberland Center.*	8 Mountain Avenue.
Wright, Charles Otis,	*Lewiston.*	76 Park Street.

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JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Bennett, Joseph Leighton,	*Farmington, N. H.*	11 P. H.
Blake, Harry Wessenger,	*Somersworth, N. H.*	57 P. H.
Brackett, Alice Maude,	*Limington.*	158 Holland Street.
Brackett, John Freeman,	*Limington.*	158 Holland Street.
Brackett, Sadie May,	*Phillips.*	133 College Street.
Bruce, Thomas Seth,	*Paces, Va.*	161 Wood Street.
Collins, Ernest Leon,	*Nashua, N. H.*	23 P. H.
Conant, Goldsmith Hall,	*Littleton, Mass.*	39 P. H.
Costello, Louis Bartlett,	*Wells.*	51 P. H.
Farnum, Florence Stewart,	*New Gloucester.*	79 Elm Street.
Farnum, Imogene Sherman,	*New Gloucester.*	79 Elm Street.
Files, Bertha Fernald,	*Lewiston.*	243 College Street.
Foss, Fred Washington,	*Center Strafford, N. H.*	
Freeman, Elijah,	*Baltimore, Md.*	20 P. H.

Frost, Frank Wilbur,	*Auburn.*	98 Cook Street, Auburn.
Garcelon, Mabel Sara,	*Lewiston.*	32 Horton Street.
Gray, Arthur William Greenleaf,	*Auburn.*	274 Main Street, Auburn.
Griffin, Frederick Robertson,	*South Billerica, Mass.*	14 R. W. H.
Hall, Abbie Bessie,	*Lewiston.*	83 Howe Street.
Hawkins, Henry,	*Sullivan.*	57 P. H.
Hayes, Bessie Cushman,	*Portland.*	262 College Street.
Hinkley, Abner Toothaker,	*Phillips.*	9 P. H.
Knowlton, Ansel Alphonso,	*Lewiston.*	100 Elm Street.
Landman, Fred Ulysses,	*South Londonderry, Vt.*	61 P. H.
Leader, Julia Francis,	*Lewiston.*	47 Pierce Street.
Maxim, Myrtle Belle,	*South Paris.*	113 Wood Street.
Morrison, Persie Louise,	*Auburn.*	33 Pleasant Street, Auburn.
Parsons, William Sherman,	*East New Portland.*	47 P. H.
Pearson, Frank,	*Madison, N. H.*	26 R. W. H
Perkins, Mary Hallowell,	*Alfred.*	262 College Street.
Pulsifer, Albert Packard,	*Auburn.*	177 Cook Street, Auburn.
Skillings, Emma,	*Portland.*	262 College Street.

Smith, Ellen Warrington,	*Richmond.*	226 College Street.
Sprague, John Perley,	*Sprague's Mills.*	23 P. H.
Stickney, Malcolm Enos,	*Brownville.*	336 College Street.
Tasker, Adah M.,	*Richmond.*	226 College Street.
Toothaker, Oliver Henry,	*North Harpswell.*	13 Skinner Street.
True, Albert Douglass,	*New Gloucester.*	13 Skinner Street.
Tucker, Edward M.,	*Pittsfield.*	61 P. H.
Tukey, Ralph Hermon,	*Windham Center.*	51 P. H.
Weymouth, Affie Dell,	*Lewiston.*	108 Nichols Street.
Woodside, Tileston Edwin,	*Sabatis.*	161 Wood Street.

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SOPHOMORE CLASS.

NAME.	RESIDENCE.	ROOM.
ALBEE, LETTICE BERTHA,	*Lexington.*	349 College Street.
ALDEN, ANNIE MAY,	*Lewiston.*	71 College Street.
BACHELDER, WILLARD KEZER,	*East Winthrop.*	32 Cottage Street.
BASSETT, WHITMAN SEARS,	*Chatham, Mass.*	H. H.
BLAKE, EDITH SUSAN,	*Somersworth, N. H.*	211 College Street.
BRACKETT, LEROY BEAN,	*West Bethel.*	35 High Street, Auburn.
BROWN, BERTHA MARIA,	*Providence, R. I.*	179 Spring Street.
BUTTERFIELD, ANNIE JANE,	*Hallowell.*	247 College Street.
CALHOUN, CHARLES SPURGEON,	*Victoria, B. C.*	6 R. W. H.
CARY, CHARLES ERNEST,	*Auburn.*	
CHASE, MURIEL ESTHER,	*Lewiston.*	16 Frye Street.
COAN, MARION SADIE,	*Auburn.*	68 High Street.
COX, BLANCHE ISOLA,	*Portland.*	262 College Street.
CHURCHILL, HERBERT CHESTER,	*Madison, N. H.*	H. H.

Cutting, Forrest Barrett,	*Framingham, Mass.*	
Donnelly, George Edward,	*Fort Fairfield.*	41 Birch Street.
Donnocker, Bertha Luella,	*Melrose Highlands, Mass.*	24 Frye Street.
Dame, Iris St. Helena,	*Farmington, N. H.*	74 Nichols Street.
Dutton, Milton Pinkham,	*Anson.*	472 Main Street.
Edgerly, Cora Emily,	*Portland.*	262 College Street.
Fairbanks, Emily Leone,	*Lewiston.*	10 Hammond Street.
Finn, Helen Agnes,	*Lewiston.*	74 Knox Street.
Flanders, Ina Verne,	*Lancaster, N. H.*	368 College Street.
Foster, Edward Britian,	*Lewiston.*	107 Blake Street.
Fuller, Oscar Anderson,	*Washington, D. C.*	11 R. W. H.
Furbush, Mabel Blanche,	*Lewiston.*	69 Horton Street.
Gay, Emma Grace,	*Keene, N. H.*	239 College Street.
Graffam, Perley Edmund,	*Lewiston.*	139 Oak Street.
Gray, Irving Holmes,	*Bow Mills, N. H.*	32 Cottage Street.
Grover, Ezra Sampson,	*Brookfield, Mass.*	17 Frye Street.
Hastings, Carrie Jewett,	*Bethel.*	57 High Street, Auburn.
Hayes, Edith Ham,	*Auburn.*	77 Seventh Street, Auburn.

Hight, Bessie Luella,	*Jefferson, N. H.*	7 Court Street, Auburn.
Hutchins, George Augustus,	*Oakland.*	162 College Street.
Hicks, Maleen Peabody,	*Gilead.*	113 Wood Street.
Hutchinson, Allen Chaffin,	*South Paris.*	7 P. H.
Hyde, Alban Bernard,	*Fairport, N. Y.*	R. W. H.
Irving, Edith Iola,	*Lewiston.*	500 Main Street.
Jordan, Mabel True,	*Lewiston.*	24 Frye Street.
Kelley, Edith Abbott,	*Lewiston.*	14 Mountain Avenue.
King, Lora Vivian,	*Fort Fairfield.*	158 Holland Street.
Knapp, Georgia Mae,	*Lewiston.*	218 College Street.
Lary, Stanley Clarence,	*Dexter.*	190 College Street.
L'Heureux, Albert Theophilus,	*Lewiston.*	432 Main Street.
Lord, Alice Edna,	*Lewiston.*	192 Webster Street.
Marrow, Edith Belle,	*Auburn.*	90 Pleasant Street, Auburn.
Mason, Alden Ray,	*Jefferson, N. H.*	368 College Street.
Mason, Fred Towle,	*Strafford Center, N. H.*	77 Nichols Street.
Maxim, Ena Augusta,	*South Limington.*	158 Holland Street.
McCann, Josiah Small,	*Mechanic Falls.*	472 Main Street.

Merrill, Oscar Charles,	*Auburn.*	Center Street, Auburn.
Millett, Ralph Linwood,	*Lewiston.*	107 Nichols Street.
Minard, George C.,	*Lewiston.*	161 Wood Street.
Munroe, Cora Janet,	*West Troy.*	380 Main Street.
Nason, Robert Bray,	*Brownville.*	336 College Street.
Odiorne, Carrie Louise,	*Richmond.*	239 College Street.
Palmer, Ernest Lowell,	*Charleston.*	49 P. H.
Parsons, George Francis,	*Norway.*	495 Court Street, Auburn.
Peacock, Everett,	*Gardiner.*	53 P. H.
Perkins, Grace,	*Farmington, N. H.*	74 Nichols Street.
Pomeroy, Fred Elmer,	*Lewiston.*	86 Nichols Street.
Pulsifer, Nathan,	*Auburn.*	19 P. H.
Quinn, Bennet Homer,	*Lubec.*	45 P. H.
Ricker, Grace Helen,	*Lewiston.*	100 Elm Street.
Roberts, Annie Maria,	*Somersworth, N. H.*	211 College Street.
Roberts, Thomas Arthur,	*Turner.*	
Rounds, Susie Louise,	*South Paris.*	113 Wood Street.
Saunders, William Allen,	*Louisa Court House, Va.*	25 P. H.

Scammon, Thomas Harmon,	*Madison, N. H.*	R. W. H.
Small, Herbert Center,	*West Gardiner.*	363 Main Street.
Stevens, Oscar Adelmer,	*Plymouth.*	45 P. H.
Stewart, Delbert Mason,	*Lewiston.*	29 High Street.
Swett, Florence Gilman,	*Ellsworth.*	262 College Street.
Tetley, Edmund Brayshaw,	*Laconia, N. H.*	18 R. W. H.
Wadsworth, Frederic Stevens,	*Gardiner.*	17 P. H.
Wagg, Frank Perley,	*Lewiston.*	32 Cottage Street.
Wheeler, Alton Chapman,	*South Paris.*	7 P. H.
Whittum, Blanche May,	*Lewiston.*	250 College Street.

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FRESHMAN CLASS.

NAME.	RESIDENCE.	ROOM.
Avery, Jane Eliza,	*Lewiston.*	75 Nichols Street.
Ayer, Frank Percy,	*Cornish.*	71 College Street.
Baldwin, Alice Mary,	*East Orange, N. J.*	256 College Street.
Beal, Agnes Emilla,	*Lewiston.*	21 High Street.
Briry, Herbert Manly,	*Richmond Corner.*	108 Nichols Street.
Butterfield, Welbee,	*Dover, N. H.*	9 R. W. H.
Catheron, Allison Graham,	*Beverly, Mass.*	65 P. H.
Chase, Edward Percival,	*Auburn.*	66 P. H.
Clason, Silas Oliver,	*Lisbon Falls.*	161 Wood Street.
Coffin, Carl Sargent,	*Thorndike.*	145 Nichols Street.
Cole, Bessie Roberts,	*Guilford.*	247 College Street.
Courser, William Wentworth,	*Dover, N. H.*	148 Nichols Street.
Davis, Edward Payson,	*Lewiston.*	40 Spring Street.
Dennison, Charles Page,	*South Paris.*	7 P. H.

Dresser, Rena Agnes,	*Lewiston.*	40 Whipple Street.
Dunham, Harry Elmer,	*Madrid.*	133 College Street.
Elder, Perley Calvin,	*Lewiston.*	158 Holland Street.
Emrich, Richard Stanley Merrill,	*South Framingham, Mass.*	65 P. H.
Fernald, Horace Wayland,	*Milton Mills, N. H.*	73 Eastern Avenue.
Files, Ethel Grace,	*Lewiston.*	243 College Street.
Ford, Mary Belle,	*Kingston, Mass.*	77 Nichols Street.
Foster, Charles Levi,	*Lewiston.*	107 Blake Street.
Getchell, Floe Louise,	*Lewiston.*	780 Main Street.
Glidden, Louis Gilman,	*East Palermo.*	25 P. H.
Glidden, Leslie Wilbur,	*Ogunquit.*	18 L. S. H.
Goddard, Harold Clifford,	*Auburn.*	287 Turner Street, Auburn.
Griffin, George Llewellyn,	*Loudon Center, N. H.*	148 Nichols Street.
Healey, Guy Ernest,	*Madison.*	32 Cottage Street.
Hussey, Carlyle Perry,	*Guilford.*	247 College Street.
Hutchinson, Lizzie Clementine,	*South Paris.*	113 Wood Street.
Johnson, George Herbert,	*Farmington, N. H.*	4 R. W. H.
Johnston, Raymond Randall,	*Fort Fairfield.*	11 P. H.

Jones, Albert Mark,	*Brooks.*	145 Nichols Street.
Jones, William Sylvanus,	*Palermo.*	25 P. H.
Joyce, Alice Hester,	*Lewiston.*	48 Birch Street.
Lambe, Mary Bell,	*South Paris.*	113 Wood Street.
Littlefield, Parker Samuel,	*East Newport.*	27 P. H.
Lowe, Arthur Wedgwood,	*Lewiston.*	54 Pierce Street.
Lowell, Florence Winchester,	*Auburn.*	84 Goff Street, Auburn.
Ludwig, Mabelle Alice,	*Camden.*	262 College Street.
Manter, George Edward,	*Lake Shore.*	13 Skinner Street.
Marr, Mabel Emery,	*Yarmouth.*	262 College Street.
Miller, Frank Henry,	*Camden.*	19 P. H.
Mitchell, Maude Frost,	*Littleton Common, Mass.*	262 College Street.
Mitchell, Rose Estelle,	*Wales Corner.*	61 High Street.
Murphy, John Francis,	*Lewiston.*	12 Hill Corporation.
Packard, Bertram Everett,	*South Litchfield.*	129 Wood Street.
Parker, Edith Stone,	*Greene.*	247 College Street.
Parsons, Herman Rowe,	*Auburn.*	495 Court Street, Auburn.
Peckham, Ethel Augusta,	*Lewiston.*	14 Pleasant Street.

Pendexter, George Hugh,	*Lewiston.*	368 College Street.
Perry, Annie,	*Lewiston.*	77 Nichols Street.
Poor, George Ernest,	*Hebron.*	148 Nichols Street.
Pottle, Philip Lowell,	*Lewiston.*	51 Howe Street.
Powell, Lester Lovett,	*Danforth.*	27 P. H.
Proctor, Harriet Davis,	*Northborough, Mass.*	247 College Street.
Purinton, Royce Davis,	*West Bowdoin.*	161 Wood Street.
Rich, Alpheus William,	*Charleston.*	247 College Street.
Richardson, Dennett Leroy,	*North Newport.*	27 P. H.
Robbins, William Alvin,	*Cheboque Point, Yarmouth, N. S.*	2 R. W. H.
Roberts, Richard Sewall Woodbury,	*Dover, N. H.*	31 R. W. H.
Rogers, Justin Noble,	*North Guilford.*	413 Main Street.
Sears, Blanche Burdin,	*Lewiston.*	87 Wood Street.
Skillings, Hattie,	*Lewiston.*	Thorne's Corner.
Slipp, Alma Gertrude,	*Fort Fairfield.*	218 College Street.
Small, Lucy Jane,	*Lisbon Falls.*	79 Elm Street.
Small, Pearl McAllistar,	*Auburn.*	25 Highland Avenue, Auburn.
Stackpole, Everett Birney,	*Auburn.*	24 High Street, Auburn.

Staples, Leroy Gilbert,	*North Berwick.*	56 Park Street.
Stinchfield, Fred Harold,	*Danforth.*	48 High Street.
Sturgis, Milton Gorham,	*Lewiston.*	40 Mountain Avenue.
Summerbell, Ferris,	*Lewiston.*	431 Main Street.
Summerbell, Grace,	*Lewiston.*	431 Main Street.
Sweetser, Adelaide Estelle,	*Saco.*	262 College Street.
Tarbox, Grace Adrianna,	*Lewiston.*	370 College Street.
Thompson, Florence Ethel,	*Lewiston.*	12 Webster Street.
Thurlow, Harry Harding,	*Litchfield Corner.*	129 Wood Street.
Trask, Clara Maria,	*Peabody, Mass.*	262 College Street.
True, Bertha Ophelia,	*New Gloucester.*	247 College Street.
Wagg, Howard G.,	*South Lewiston.*	32 Cottage Street.
Wentworth, Daniel Webster,	*North Berwick.*	18 L. S. H.
White, Helen,	*Wiscasset.*	262 College Street.
Whitman, Emerson,	*Lewiston.*	113 Wood Street.
Wing, Artemas Ward,	*Phillips.*	13 Skinner Street.

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SUMMARY.

Senior Class,	42
Junior Class,	42
Sophomore Class,	78
Freshman Class,	84
Total,	246

H. H.,	Hathorn Hall.	P. H.,	Parker Hall.
R. W. H.,	Roger Williams Hall.		
L. S. H.,	Latin School Hall.		

FACULTY OF COBB DIVINITY SCHOOL.

GEORGE COLBY CHASE, D.D., LL.D., PRESIDENT.

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Instructor in Church History.

ERNEST E. OSGOOD, A.B.,

Instructor in Elocution.

---

* Deceased.

THE LATIN SCHOOL.

This institution is located in the city of Lewiston, Maine, and is owned by the College, and its expenses are defrayed by funds drawn from the College Treasury. Its management is by a special Board of nine Directors appointed by the Corporation of the College.

The special object of the School is to prepare students for the Freshman Class of Bates College, though students who do not contemplate a College Course are admitted to any of the classes which they have the qualification to enter.

The Course of Study comprises three years and as many classes—that is, the first year, or Junior Class; the second year, or Middle Class; and the third year, or Senior Class. The classes are so arranged that students can enter the School at any time during the year.

The tuition is nine dollars per term. The following arrangement of the terms is found to be the most convenient for students:

Calendar.

1896.	
Sept. 8—Fall Term began,	Tuesday.
Nov. 26—Thanksgiving Day,	Thursday.
Dec. 2, 3, 4—Term Examinations,	Wednesday, Thursday, Friday.
Dec. 4—Fall Term ends,	Friday.
Recess of two weeks.	
Dec. 22—Winter Term begins,	Tuesday.
Dec. 25—Christmas,	Friday.
1897.	
Jan. 1—New Year's,	Friday.
Jan. 28—Day of Prayer for Colleges,	Thursday.
Feb. 22—Washington's Birthday,	Monday.
March 31, April 1, 2—Term Examinations,	Wednesday, Thursday, Friday.
April 2—Winter Term ends,	Friday.
Recess of one week.	
April 13—Summer Term begins,	Tuesday.
Fast Day.	
May 31—Decoration Day,	Monday.
June 17, 18, 24, 25—Term Examinations,	Thursday, Friday, Thursday, Friday.
June 25—Summer Term ends,	Friday.
Vacation of ten weeks.	
Sept. 7—Fall Term begins,	Tuesday.
Dec. 1, 2, 3—Term Examinations,	Wednesday, Thursday, Friday.

Board of Instruction.

Ivory F. Frisbee, A.M., Ph.D. (University of City of New York), Principal, Teacher of Latin and Greek; Fred Austin Knapp, A.B. (Bates College), Teacher of Latin and History; Everett Skillings, Teacher of Rhetoric and Elocution; Ernest Lowell Palmer, Teacher of Mathematics; Oscar C. Merrill, Teacher of Mathematics and Latin.

THE BATES STUDENT,

A MONTHLY MAGAZINE

Published under the Direction of the Students of the College.

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Literary communications should be addressed to the Editors; all subscriptions and business letters to the

MANAGER OF THE STUDENT,
BATES COLLEGE,
LEWISTON, MAINE.

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CATALOGUE

OF

BATES COLLEGE

1898-99.

CATALOGUE

OF

BATES COLLEGE

LEWISTON, MAINE.

1898-99.

LEWISTON, ME.:
PRINTED AT THE JOURNAL OFFICE,
1898.

CALENDAR~1899

JANUARY.

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1900

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CALENDAR.

1898.	
Sept. 13—Fall Term begins,	Tuesday.
Nov. 24—Thanksgiving Day, Holiday,	Thursday.
Dec. 2—Fall Term closes,	Friday.
1899.	
Jan. 10—Spring Term begins,	Tuesday.
Jan. 26—Day of Prayer for Colleges,	Thursday.
Feb. 22—Washington's Birthday, Holiday,	Wednesday.
March 14–24—Sophomore Preliminary Declamations,	2 P.M.
Sophomore Prize Division,	2 P.M.
March 31—Spring Term closes,	Friday.
April 11—Summer Term begins,	Tuesday.
May 30—Decoration Day, Holiday,	Tuesday.
June 21–24—Examination of the College Classes,	Wednesday–Saturday.
June 25—Baccalaureate Exercises,	Sunday, 10.30 A.M.
" 25—Sermon before the College Christian Associations,	Sunday, 7.45 P.M.
" 26—Sophomore Prize Debate,	Monday, 2.30 P.M.
" 26—Junior Exhibition,	Monday, 7.45 P.M.
" 27—Annual Meeting of the Alumni,	Tuesday, P.M.
" 27—Class Day Exercises,	Tuesday, 2.30 P.M.
" 27—Concert,	Tuesday, 7.45 P.M.
" 28—Examination for Admission to College,	Wednesday, 9 A.M.
" 28—Annual Meeting of the Corporation,	Wednesday, 9 A.M.
" 28—Reception to Graduates by Members of the Faculty,	Wednesday, 2 to 5 P.M.
" 28—Literary Exercises of the Alumni,	Wednesday, 7.45 P.M.
" 29—Commencement,	Thursday, 10 A.M.
" 29—Address before the Literary Societies,	Thursday, 7.45 P.M.
" 30—President's Reception of the Graduating Class,	Friday, 8 P.M.
Sept. 11—Examination for Admission to College,	Monday, 2 P.M.
" 12—Fall Term begins,	Tuesday.
Oct. 23–Nov. 4—Freshman Preliminary Declamations,	2 P.M.
Prize Division,	2 P.M.
Nov. 16–29—Sophomore Debates,	2 P.M.
Dec. 8—Fall Term closes,	Friday.

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GENERAL INFORMATION.

FOUNDATION.

Bates College grew out of the Maine State Seminary, chartered in 1855. In 1862 sixteen young men in this school petitioned the Trustees to provide facilities for collegiate instruction. In the fall of 1863 the first Freshman class was admitted, and in the winter of 1864 a new charter was secured, and Maine State Seminary became Bates College. In 1868 the preparatory school, which had been continued in connection with the college, was removed to a building erected for its use, and began its separate existence as the Latin School. The name Bates College was given by the Trustees in grateful acknowledgment of the generosity of Mr. Benjamin E. Bates of Boston, Mass., one of the founders of the city of Lewiston. Mr. Bates had taken a warm interest in the Seminary, and it was his encouragement, with a subscription in 1853 of $25,000, which led to its development into the college. To this sum he subsequently added $75,000. Mr. Bates died in 1877. Other friends have generously aided the institution, but none of their benefactions have equaled in amount the gifts of its founder.

Lewiston, in which the College is situated, is the second city in population in Maine, having about twenty-five thousand inhabitants. It is on the east bank of the Androscoggin, thirty-five miles north-east of Portland. It is connected by four bridges with Auburn, a city with twelve thousand inhabitants, on the opposite bank of the river. The two cities are among the most enterprising and progressive in the East. Many of their public buildings are exceptionally beautiful and substantial. Their excellent public schools are constantly bringing to the two cities from all parts of Maine, and even from adjoining States, parents eager to secure a good education for their children. The Latin School, the Lewiston High School, and the Edward Little Institute of Auburn, rank among the best preparatory schools in New England. The pulpits of Lewiston and Auburn are occupied by able and scholarly men, and residents of few towns have better facilities

for hearing the representative lecturers and orators of our country. The two cities are remarkably healthful, are situated amid some of the most beautiful scenery of the Androscoggin valley, and combine in a rare degree the educational influences afforded by the presence of business energy, of scholarly leisure, and of attractive environments. They are a little more than four hours distant from Boston, and are accessible from all directions by means of three railways,—the Grand Trunk and two lines of the Maine Central. The college grounds consist of fifty acres in the suburbs of Lewiston. They have great natural beauty and command fine views of the surrounding country. From the summit of Mount David, given by Mrs. Archibald Wakefield and the late Mrs. John M. Frye, as the site for an astronomical observatory, the White Mountains, more than fifty miles away, are distinctly visible.

CHARACTER OF THE COLLEGE.

The college is unsectarian in all its aims and methods, but it is unequivocally Christian. Breadth and thoroughness are sought, not only in literary and scientific attainments, but in moral and spiritual culture. What are called the vices of student life are practically unknown at Bates. No student can be a member of the college without taking and keeping a pledge to abstain from alcoholic drinks. Hazing has never been tolerated. A large percentage of the students are actively religious, and among them are represented nearly all the religious denominations of New England. It has been the constant aim of the college to encourage and aid students of limited means and to exclude such habits and customs as lead to extravagant and unnecessary expenditures. From its organization in 1863, the college has received young women on the same terms with young men, thus beginning on the Atlantic sea-board the movement for the higher education of women.

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COMMITTEE ON ATHLETICS.

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PROFESSOR GEER.

TERMS OF ADMISSION.

The requirements for admission to the Freshman Class are as follows:

LATIN.

Six Books of Virgil's Æneid;
Four Books of Cæsar's Gallic War;
Six Orations of Cicero;
Thirty Exercises in Jones's Latin Composition, or an Equivalent;
Latin Grammar, including Prosody;
Translation of Easy Latin at sight.

GREEK.

Four Books of Xenophon's Anabasis;
Two Books of Homer's Iliad;
Twenty Exercises in Jones's Greek Composition, or an Equivalent;
Greek Grammar;
Translation of Easy Greek at sight;
Ancient History and Geography.

MATHEMATICS.

1. Algebra, through Equations of the Second Degree, including Ratio and Proportion, Arithmetical and Geometrical Progression, and the use of the Binomial Formula.

2. Plane Geometry, including all the original exercises as given by Wells or Wentworth.

ENGLISH.

I. The correction of sentences faulty in syntax, diction, or construction.

II. The writing of an essay upon some subject taken from one of the books named in III.

III. *Reading.* The candidate will be required to present evidence of a general knowledge of the subject-matter of the books read, and to answer simple questions on the lives of the authors. The books set for this part of the examination will be:

1899.—Dryden's Palamon and Arcite; Pope's Translation of the Iliad (Books I., VI., XXII., and XXIV.); The Sir Roger de Coverley

Papers in The Spectator; Goldsmith's Vicar of Wakefield; De Quincey's Flight of a Tartar Tribe; Cooper's Last of the Mohicans; Lowell's Vision of Sir Launfal; Hawthorne's House of the Seven Gables.

1900.—Dryden's Palamon and Arcite; Pope's Translation of the Iliad (Books I., VI., XXII., and XXIV.); The Sir Roger de Coverley Papers in The Spectator; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; De Quincey's Flight of a Tartar Tribe; Cooper's Last of the Mohicans; Tennyson's Princess; Lowell's Vision of Sir Launfal.

1901.—George Eliot's Silas Marner; Pope's Translation of the Iliad (Books I., VI., XXII., and XXIV.); The Sir Roger de Coverley Papers in The Spectator; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; Shakespeare's Merchant of Venice; Cooper's Last of the Mohicans; Tennyson's Princess; Coleridge's Rime of the Ancient Mariner.

1902.—George Eliot's Silas Marner; Pope's Translation of the Iliad (Books I., VI., XXII., and XXIV.); The Sir Roger de Coverley Papers in The Spectator; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; Shakespeare's Merchant of Venice; Cooper's Last of the Mohicans; Tennyson's Princess; Coleridge's Rime of the Ancient Mariner.

IV. *Study and Practice.* This part of the examination presupposes the thorough study of each of the works named below. The candidates will be examined upon subject-matter, form, and structure. The books set for this part of the examination will be:

1899.—Shakespeare's Macbeth; Milton's Paradise Lost (Books I. and II.); Burke's Speech on Conciliation with America; Carlyle's Essay on Burns.

1900.—Shakespeare's Macbeth; Milton's Paradise Lost (Books I. and II.); Burke's Speech on Conciliation with America; Macaulay's Essays on Addison and Milton.

1901.—Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essays on Addison and Milton.

1902.—Same as 1901.

Graduates of preparatory schools whose methods and courses of study are approved by the Faculty of the College may be admitted provisionally, upon the certificates of the principals of such schools. The certificates must clearly show that the amount and quality of the work done by those who present them are equivalent to the published requirements of the College. At the close of the first term all who have done scholarly work and maintained satisfactory deportment will be admitted to full standing. No student will be admitted to the College without giving proof of a good moral character.

All candidates for advanced standing will be examined in the preparatory studies, and also those previously pursued by the class they propose to enter, or in other studies equivalent to them.

Certificates of regular dismission will be required from those who have been members of other colleges.

The regular examinations for admission to College take place on Wednesday preceding Commencement, and on Monday preceding the first day of the Fall Term.

The examinations for admission to College will be both written and oral.

No special students are admitted to any of the College classes.

COURSES OF INSTRUCTION.

It is the aim in each department to exemplify the methods and results of a scholarship at once sound and progressive. All the work of the Freshman year is required. Electives are introduced in the Sophomore year and are increased in number as the course goes on. The essentials of a liberal education are constantly kept in view and the attainment of knowledge is made tributary to the love of study, the habit of investigation, and the tastes and aptitudes of the scholar. The individuality of students is recognized and encouraged without the sacrifice of breadth and thoroughness. Class-room work is supplemented by original observation and research and by a systematic use of the College Library.

PHILOSOPHY.

The subjects assigned to this department occupy the time allotted to one daily study for the three terms of the Senior year, Logic in the Spring term being elective.

The mode of instruction combines lectures, recitations from text-books, collateral reading, and essays upon assigned topics. In Psychology due attention is given to recent physiological investigations and to the history of the evolution of theories of knowledge, and also to the practical bearing of psychological truths upon the formation of character and upon successful work in the higher avocations. The aim constantly kept in view is not to secure the memorizing of words, but habits of exact and inquisitive thought.

In Logic, special effort is made to elucidate the mental processes employed in the formation of concepts, in deductive Logic, and especially in Induction and the Scientific Method. Attention is specially directed to the grounds of induction and of the validity of knowledge, and, as much as the time allows, to historic inquiry into the rise and relationships of the various schools of philosophic thought.

In Ethics, besides an examination and criticism of the principal phases of ethical theory and a study of the applications of ethical principles to correct thinking and to the conduct of life, the origin and evolution of ethical ideals are traced and the corresponding moral progress of the historic races; also the help afforded by Christianity to that progress and to the attainment of an ultimate ideal.

One hour each week is given during the Freshman year to instruction in Christian Ethics. The aim of this course is to show that both individual excellence and social progress are dependent upon the application of Christ's teachings to the problems of character and conduct presented in the life of to-day; and that the adaptation of Christianity to human needs and aspirations is an abiding proof of its divine origin. The teachings of the text-book used are supplemented by talks, lectures, and discussions. There is a constant endeavor to make the work practical.

GREEK AND LATIN.

In addition to a critical study of Latin and Greek, special attention is given to the history and philosophy of the Greeks and Romans, their political institutions, religion, art, amusements, and domestic life.

The study of Greek and Latin is required throughout the Freshman year, four recitations a week in each. Greek is studied in the Spring term of the Sophomore year and Latin in the Summer, also Latin in Spring term of Junior year. In Latin each year are generally read one of the books of Livy, one of the philosophical treatises of Cicero, some of the odes, epodes, satires, and the Ars Poetica of Horace, either the Germania and Agricola of Tacitus or extracts from his Histories or Annals, some of the satires of Juvenal, and occasionally portions of Lucretius. In the Greek course are read extracts from Herodotus and Thucydides, some of the orations of Demosthenes or Lysias, one of the tragedies of Æschylus, Sophocles, or Euripides, and one of the dialogues of Plato. Occasionally the classes read portions of Xenophon's Memorabilia and of Homer's Odyssey, some of the odes of Pindar, and the Clouds of Aristophanes. A part of each recitation hour is devoted to reading at sight.

MODERN LANGUAGES.

German is studied by the Junior Class throughout the year, and French by the Sophomore Class two terms. In the Summer Term, Advanced German or French is elective to Seniors and Juniors. The course of study is so arranged in each language that a thorough knowledge of its grammar, readiness in ordinary composition, a well-trained ear, and familiarity with the chief works of some of the best authors, may be acquired. Reading at sight has a prominent place in the study of each language.

While, of course, some time is devoted to conversation, especially in preliminary study, still it is not the leading aim in the instruction to enable the student to converse fluently. The time given to each language does not admit of this, nor is the class-room best adapted to training in the ordinary conversational idiom. This may be pursued more profitably elsewhere. The end sought is to enable the student so thoroughly to master the language pursued that he may appreciate and enjoy its masterpieces, and may use it skillfully in other and varied departments of study to which he may subsequently devote himself.

RHETORIC AND ENGLISH LITERATURE.

FRESHMAN YEAR.

1. Composition. The aim of this course is to train students to treat subjects within the range of their knowledge and interests with correctness, clearness, and force. The work required of each student is one composition a week. These compositions are carefully examined and corrected by the instructor; they are then used by him as a basis for systematic instruction in the class-room on the elementary principles of composition; and finally they are returned to the writers in the instructor's "consultation hours," with oral criticisms and suggestions. In connection with this practical work in composition, several masterpieces of prose, such as Macaulay's Lord Clive, are studied in the class-room. One hour a week during the year.

SOPHOMORE YEAR.

1. Rhetoric and argumentation. The work of the course includes the study of a text-book on Rhetoric, the writing of many themes, the critical study of a masterpiece of argumentation, and

the preparation by each student of a debate. The large amount of composition required makes this a "full course," that is, the equivalent of a five-hour course. Three hours a week. Fall term.

2. Study of selected poems in connection with the lives and times of their authors. Themes. Two hours a week. Spring term.

3. In the Spring term, prize debates by divisions of the class. The subjects are announced at the close of the Fall term of the Freshman year, and every argument is expected to give evidence of careful reading and vigorous thinking during the year following the announcement of the questions. In the Summer term, during Commencement week, occurs the Champion Sophomore Prize Debate, participated in by speakers chosen from those presenting the best arguments in the debates of the Spring term. The remaining members of the class present each an essay in competition for a prize for the best theme upon a prescribed subject.

4. Advanced Composition (elective). This course is intended only for students who have already attained some proficiency in composition. The kind of composition practiced by each student is determined largely by his individual needs and tastes. The large amount of composition required makes this a "full course," that is, the equivalent of a five-hour course. Three hours a week. Summer term.

JUNIOR YEAR.

1. Outline History of English Literature. One hour a week. Fall term.

2. The Drama. Origin and development of the Greek drama. History and development of the English drama. Critical study of selected plays of Shakespeare. Required reading of the best Elizabethan plays, and of other important works of the Elizabethan age. Four hours a week. Fall term.

3. Literature of the Seventeenth and Eighteenth Centuries. Literary history and biography of the period. Critical study of selected works of prose and poetry. Required reading, investigation, abstracts, reports, and discussions. Lectures on literary criticism, with special reference to works of fiction. Library work is very prominent in this term. Five hours a week. Spring term.

4. Original prize declamations upon assigned subjects. Each

member of the class reads his part before a committee, by whom the best twelve parts are selected to be delivered in a prize contest, Commencement week. Summer term.

5. Literature of the Nineteenth Century. History of the literature of the period. Critical study of Browning and Tennyson. Critical study of selected works of other writers. Required reading and investigation. Five hours a week. Summer term.

SENIOR YEAR.

1. An essay by each member of the class in criticism of some classic in English or American fiction. Fall term.

2. History of the English Language (elective). Six weeks during Spring term.

3. Critical study of Chaucer; Prologue to Canterbury Tales and two of the Tales. Topical study of English History in the time of Chaucer in connection with the examination of his poems (elective). Six weeks. Spring term.

4. Senior Exhibition, original parts. Each member of the class reads his part before a committee, by whom twelve are selected to speak in the exhibition. Spring term.

5. Commencement parts. Each member of the class writes, but the speakers for Commencement are selected for scholarship.

6. English Literature of the Nineteenth Century. Selected authors. American Literature. Study and investigation of special topics in literary history and criticism. Seminary work. Five hours a week. Summer term.

MATHEMATICS.

The study of Mathematics is pursued throughout the first two years of the course, there being five recitations weekly. During the Freshman year, mathematical work is required; during the Sophomore year it is elective. The first term of the Freshman year is devoted to algebra. The subjects taken are binomial theorem, undetermined coefficients, choice and chance, series, continued fractions, variables and limits, theory of equations, the graphical representation of equations, etc. The second term is given to solid and spherical Geometry, with original demonstrations. Especial emphasis is placed upon original work, it being considered of the highest disciplinary value. Plane and spherical

Trigonometry occupies the last term of the year. Surveying is elective. Those who choose the subject have field practice, and compute areas and make plans of their surveys. The first half of the Sophomore year is given to Analytical Geometry; the second half to the Differential and Integral Calculus. Numerous illustrative examples are given in connection with both these subjects.

CHEMISTRY.

The course includes recitations, lectures, and laboratory practice. The work begins with lectures and recitations on the non-metallic elements and their compounds. In connection with these subjects the elements of Theoretical Chemistry are taught, and the students are given practice in the solution of a variety of chemical problems.

In the laboratory the students receive instruction in chemical manipulation and perform a series of experiments designed to illustrate the properties of the more important elements and the laws of chemical action.

In qualitative analysis instruction is given by lectures, and the class work in the laboratory ten hours a week. The methods employed are mainly inductive and are designed to develop the observing powers and to awaken the spirit of investigation.

In quantitative analysis the work is entirely in the laboratory. The instruction aims to make the students familiar with the best methods of determining all the principal elements and also the most important type-processes both of gravimetric and volumetric analysis.

PHYSICS.

Physics is required five hours a week for the Spring term of the Sophomore year. The work consists of recitations and lectures, and is devoted to an elementary survey of the field, touching lightly on the subjects taken up in subsequent studies.

Elective Physics is pursued during the Fall and Spring terms of the Junior year, and an additional term will be added to the course as soon as practicable. The work consists of three hours per week of recitations and lectures, and four hours per week of laboratory exercises. The aim is to secure the ends both of general education and teaching as far as practicable. Both qualitative and quantitative laboratory exercises are given, and the proportion of each varies to meet the requirements of the student. Special exercises will be given to students of suitable tastes and attainment, and special opportunities are afforded for the study of the construction and use of apparatus.

GEOLOGY.

The course in Geology consists of selections from LeConte's Elements of Geology used as a text-book, supplemented with lectures and field work. The earth and its inhabitants are studied with special reference to the doctrine of Evolution, and the modern views of that subject are explained and illustrated.

ASTRONOMY.

The course in Astronomy occupies one term. The text-book is Young's General Astronomy.

BIOLOGY.

BOTANY.

The aim of the course in Botany is, while giving to the student an introduction to the science and a glimpse of its vast and ever-widening field, to awaken in him an enthusiasm for individual research and an open-eyed sympathy with nature. For this purpose it is not deemed sufficient simply to study in the text-book the structure and classification of plants in the highest vegetable series, or to become able to recognize a few score of the flowering plants. Yet, as most interesting to the beginner, and as affording the readiest way from the study of the book to the study of the living organisms, this is the first work attempted.

Instruction also is given respecting the lower grades of plant life, the evolution of organisms from the simple cell, the modes of plant nourishment and of propagation, and the varieties of vegetable parasites that are injurious to the higher orders of vegetables and to animal life. The method of instruction combines lectures, use of text-book, field and laboratory work.

ZOÖLOGY.

The course in Zoölogy consists of lectures and recitations, with laboratory work. Typical examples illustrating the various groups of the animal kingdom are examined and dissected by the class.

Some attention is given to the systematic classification of species, but the subject is presented mainly in its biological relations, with the object of enabling the student to get as much knowledge as possible of the origin and development of animal forms, their structure and mutual relations, and the general principles which underlie and govern all animal life.

ORNITHOLOGY.

Considerable attention is given to the study of Ornithology, apart from that of general zoölogy. In the Fall term twelve lectures are given to the Freshman Class on the characteristics of birds—peculiarities of physical structure, flight, utility, song, beauty, intelligence, and migration; on the fossil, sub-fossil, and extinct birds, and on classification. The last lecture of the term is devoted to the winter birds of Maine. This lecture is preparatory to the work to be done by the class during the winter. Prizes are given to the members of the class that report the longest lists of birds observed and carefully identified between the first of December and the middle of March. Two prizes are also given to the class for the best winter sketches of not more than two thousand words each. In the twelve lectures given in the spring all the species of the inland birds of Maine are described and the mounted specimens are shown to the class. Four times a week, from the last of March to the middle of June, the members of the Freshman Class make early morning excursions of one hour and a half to the fields and woods in search of the birds. Particular attention is directed to the songs and notes of the birds. From 75 to 130 different species are recognized in one year by the careful observers.

HISTORY AND POLITICAL SCIENCE.

Instruction in History begins with the Fall term of the Sophomore year, and is continued in the Junior and Senior years.

The aim of the earlier courses is to give the student a clear outline of historical facts in their chronological sequence and relations, to introduce him to the most valuable books, to develop the historic imagination, and to stimulate a taste for independent research.

In the subsequent courses emphasis is placed upon the political and constitutional aspects of history, with special reference to the development of popular institutions in England and America; effort is made to cultivate a discriminating and critical judgment of men and events; students are trained in the best methods of historical investigation and required to do original work.

The instruction is carried on by means of recitations, references to the library, collateral readings, abstracts and reports, frequent examinations, informal lectures, and papers and discussions upon topics assigned. Each student should own an inexpensive historical atlas and some good compendium of general history, in addition to one or more manuals bearing directly upon the period under investigation.

1. The work opens with a brief *résumé* of Ancient History prior to the Teutonic migrations. This is followed by a more detailed study of Mediæval Times (375–1453); Germanic Institutions; Charlemagne; the Mohammedans in Europe; the Papacy and the Civil Power; Monasticism; Feudalism; the Saxons and Normans in Britain; the Crusades; England and France.

2. A study of the Modern Era (1453–1789), including the Renaissance in Italy, Germany, France, and England; the Discovery of America; the Protestant Reformation; the Struggle for Constitutional Liberty; the French Monarchy; France and England in the New World; and the American Revolution.

3. The French Revolution and the Nineteenth Century. A study of the causes and consequences of the Revolution in France; the Napoleonic Era; the Rise of Prussia and Russia; the Growth of Democracy and Liberty; and the Unification of Italy and Germany.

4. The Political and Constitutional History of England. A study of the Origin and Growth of the English Constitution; Early Charters; Parliamentary Government.

5. The Political and Constitutional History of America. A study of Local Government in the Colonies; Colonial Charters; Political Parties; the Constitution; State and Municipal Institutions.

6. Political Science. A study of the form and principles of Civil Government and a Comparison of the Constitutions of the United States and the leading European nations.

ECONOMICS AND SOCIOLOGY.

The work in Economics and Sociology begins with the Spring term of the Junior year, and is continued in the Senior year.

The methods of instruction are similar to those pursued in the more advanced work in history. Students are trained to scientific habits of thought upon economic, industrial, and social phenomena, and are encouraged to independent thinking.

1. The Elements of Economic Science. This is an outline course in the Principles of Economics. The work of the text-book is supplemented by readings and discussions. Required of Juniors.
2. Advanced Economics. A brief historical view of economic thought; a comparative and critical study of leading economists; Money, Banking, Taxation, the Tariff, and the Labor Problem. (Elective for those who have taken Course 1.)
3. Social Science. A study of the principles of Sociology, together with living social problems; the Family; Immigration; Pauperism; Charities; Crime; Socialism.

ELOCUTION.

FRESHMAN YEAR.—SPRING TERM.

Development and training of the imaginative instinct. Simple attention and admiration of nature. Spontaneity; Freedom; Vocal Painting.

Vocal Training. Correct method of breathing. Openness of tone passage. Preparatory action for speech. Ease, freedom, and openness in tone production. Class work two hours a week.

Prize Declamations, in which every member of the class is prepared by special instruction and drill.

SOPHOMORE YEAR.—FALL TERM.

Development of logical instinct. Emphasis; Inflection; Touch; Subordination. Sequence of ideas.

Vocal Training, to secure control of breath and elasticity of tone.

Prize Declamations, in which every member of the class is prepared by special instruction and drill.

JUNIOR YEAR.—SUMMER TERM.

Study of conversation, narration, description, and soliloquy, to develop naturalness in speech form.

Vocal Training, continued to develop agility and ease. Class work two hours a week.

SENIOR YEAR.—SUMMER TERM.

Sympathetic instinct; Transition; Contrast; Rhythm; Pause; Attack. Effect of Emotion in Tone; Tone Color; Purpose.

Vocal training continued. Class work two hours a week.

Synopsis of the Course of Study.

FRESHMAN YEAR.

FALL TERM.

Mathematics—Algebra completed, ... Wells.

Greek—Orations of Lysias.

Latin—Livy, Books XXI.–XXII.

Christian Ethics (weekly).

English—Composition (weekly).

Ornithology—Lectures (weekly).

SPRING TERM.

Mathematics—Solid and Spherical Geometry, with original propositions. . . . . . Phillips and Fisher.

Greek—Selections from Greek Historians.

Latin—De Contemnenda Morte of Cicero.

Christian Ethics (weekly).

English—Composition (weekly).

Elocution—Prize Declamations, with class and individual drill.

SUMMER TERM.

Mathematics—Plane and Spherical Trigonometry, with Richards's Manual and Sphere. . Wells.

Surveying (elective).

Greek—Olynthiacs of Demosthenes.

Latin—Horace.

Christian Ethics (weekly).

English—Composition (weekly).

Ornithology—Lectures (weekly).

SOPHOMORE YEAR.

FALL TERM.

Mathematics—Analytical Geometry (elective). . Hardy.

French—Longman's Grammar, Racine's Athalie, French Conversation, Recitation, and Reading.

English—Rhetoric.

History—Mediæval (elective).
Elocution—Prize Declamations, with class and individual drill.

SPRING TERM.

Mathematics—Analytical Geometry completed (elective). Hardy.
Calculus begun (elective). . . Taylor.
French—Super's Readings from French History, La France, and French Literature.
Latin—Juvenal (elective).
Physics.
History—Modern to the French Revolution (elective).
English—Study of Selected Poems.
Two Themes. Prize Debates, participated in by all the members of the class arranged in divisions.

SUMMER TERM.

Mathematics—Calculus completed (elective). . . Taylor.
German—Thomas's German Grammar, and German Conversations.
Latin—Juvenal (elective).
History—The French Revolution and Nineteenth Century (elective).
Botany.
Greek—Apology and Crito of Plato (elective).
English—Advanced Composition (elective). Champion Prize Debate, participated in by eight members of the class.
Prize Essay, all members of the class competing except the eight debaters.

JUNIOR YEAR.

FALL TERM.

German—Brandt's German Reader, Stein's German Exercises, and German Conversations.
Physics—Recitations, Lectures, and Laboratory work (elective).
History—English Constitutional (elective).
English—History of English Literature.
The Drama.

SPRING TERM.

Physics—Recitations, Lectures, and Laboratory Work (elective).
German—History of German Literature, Deutschland, Immensee, and Bilder aus Deutschen Literature.
Elements of Economic Science.

Latin Annals—Books I.–II. of Tacitus (elective).
English—Literature of the 17th and 18th Centuries.
Six Lectures upon Literary Criticism.

SUMMER TERM.

German or French, alternate years (elective).
Chemistry—General and Theoretical, . . . Remsen.
Astronomy (elective).
Advanced Economics (elective).
English—Literature of 19th Century.
Original Prize Declamations for Junior Exhibition.
Elocution—Class and individual drill.

SENIOR YEAR.

FALL TERM.

Psychology (with lectures).
Geology (elective).
Chemistry—Qualitative Analysis (elective).
English—One Essay, a Criticism of some standard work of fiction.
History—American Constitutional (elective).

SPRING TERM.

Logic (elective). . . . . Davis.
Chemistry—Mineral and Organic Analysis (elective).
Zoölogy (elective).
English—Critical Study of Chaucer, Skeat's edition (elective).
History of the English Language (elective).
Senior Exhibition Parts.
Principles of Sociology (elective).

SUMMER TERM.

Moral Philosophy (elective).
Chemistry—Quantitative Analysis (elective).
Political Science (elective).
English—Literature of 19th Century.
Graduation Parts.
German or French, alternate years (elective). French in 1899.
Elocution—Class and individual drill.

LABORATORIES.

CHEMICAL.

The Chemical Laboratory was completed in 1889. It is called the Hedge Laboratory, in honor of the late Isaiah H. Hedge, M.D., of Waukon, Iowa, who generously furnished the means for its erection. It is a two-story brick building, finely located, and of attractive modern style. On the first floor are the chemical lecture-room, with rooms adjoining for chemicals and apparatus, and a large room occupied by the mineralogical cabinet. The room for the laboratory work of the class occupies the most of the second floor. It is well lighted, thoroughly ventilated, and conveniently fitted with sinks, hoods, and tables sufficient to accommodate forty-eight students. Adjoining this room are the weighing and apparatus rooms and the private laboratory of the professor.

The arrangement and appliances of the whole building are in accordance with the most approved plans of modern laboratories.

PHYSICAL.

The Physical Department is located on the lower floor of Hathorn Hall. It comprises a well-arranged lecture room, a large and well-appointed general laboratory, an apparatus room, a dynamo room and workshop, and a dark room. These are conveniently arranged and well furnished for their purposes. They are provided with excellent tables and seats, with water, gas, steam, and direct and alternating electric currents. The collection of apparatus for lecture purposes and for students' laboratory work is rapidly growing. Among recent additions are a 1600 watt dynamo with water-motor, a college lantern with arc-light, ohm- and volt-meters for both direct and alternating currents, a screw-cutting lathe, six Wheatstone's bridges of the post-office pattern, several slide wire bridges, reflecting and tangent galvanometers, goniometer, spectroscope, a three and one-half horse-power gas engine.

CABINETS.

BOTANICAL.

The nucleus of the Herbarium was gathered many years ago by an enthusiastic botanist, the late Dr. Aaron Young. It contained a representative collection of New England—especially of Maine plants, a part of which was gathered during the State Geological Survey, conducted by the late Dr. Charles T. Jackson.

The plants chiefly used now, however, in the identifying of species, are those that have been pressed and mounted in the laboratory and the herbarium of the late President Chadbourne of Williams College, Mass., which was purchased by the College.

Of this, Dr. O. R. Willis, a distinguished botanist of New York, has said: "It is one of the best working Herbariums I have ever examined." Besides its collection of New England plants, including the grasses, sedges, ferns, etc.,—in all about two thousand specimens, it has several groups of ferns from other countries, also pretty full collections of mosses and lichens, named by the highest authorities, and more than a thousand fungi. There are collections of the plants of New Jersey, Tennessee, and Florida, also from several foreign countries, illustrating the identity of many families in Europe and America. There are also collections from Greenland, Labrador, and the tropics, and mountain flora from the Rocky Mountains, the White Mountains, and the Alps. There are also some fifteen hundred duplicates. These are in cabinets of the most approved construction.

MINERALOGICAL.

The cabinet of Minerals, Shells, and Fossils occupies one room of the Hedge Laboratory. The collection is conveniently arranged and is steadily growing. No attempt is made to secure showy shelf specimens of great cash value. Educational value is the only thing considered. All the common minerals, and many of those of rare occurrence, are fully represented by typical specimens. It is intended to make the collection of local minerals as complete as possible. Among the shells and fossils are many choice specimens.

ORNITHOLOGICAL.

The ornithological collection contains mounted specimens of nearly all the New England birds, besides many from other parts of the United States and from foreign countries. In all there are about a thousand specimens.

LIBRARIES.

The number of volumes in the different libraries is as follows:

College Library (exclusive of pamphlets),	14,246
Society Libraries,	1,600
Total,	15,846

The College Library has been selected with special reference to the needs of the several departments. It is composed mainly of modern publications, and contains many important works of reference. It is increased each year by a regular appropriation. It is open six hours a day for consultation and the delivery of books.

UNIVERSITY EXTENSION.

Members of the Faculty are prepared to give lectures upon subjects in Science, Literature, Philosophy, History, Economics, Sociology, and Pedagogy. Particulars can be learned by correspondence with the President, or the secretary of the Faculty.

PHYSICAL CULTURE.

The medical advisers give each student a thorough physical examination during the first term of attendance at college. From the measurements and strength tests taken, a chart is made out for each student, showing his size, strength, and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. A hand-book containing the exercises prescribed for the correction of any physical defects shown by his chart, and giving specific directions in regard to diet and bathing, is furnished each student.

When any student is found defective in vision, he receives from one of the college oculists the specific treatment that his case may require.

During the latter part of the fall and all of the winter term each class is required to exercise in the Gymnasium, under the supervision of the Director, for forty minutes on five days of every week. A graded course of class exercises has been arranged. The Freshmen have developing exercises, military drill, and Indian-club swinging; the Sophomores, boxing, wrestling, and dumb-bell drill; the Juniors, fencing with single sticks and broadswords.

Gymnasium work for the Seniors is optional. For the exercises with chest-weights, bar, rings, etc., each class is divided into divisions, and the work is carefully graded to suit the strength of each division.

The young ladies' work consists of fancy steps, Swedish movements, wand, Indian-club, and dumb-bell exercises; also special work on developing appliances. Basket-ball, bowling, etc., are played two or three times a week.

The Gymnasium is steam heated and equipped with the apparatus necessary for the thorough and systematic training and development of the human body. This apparatus is new and of the most approved modern pattern. In the basement of the Gymnasium are convenient bath-rooms, provided with lockers, hot and cold water, dip baths, shower baths, etc.

Eight fine tennis courts offer abundant opportunity for this healthful game.

A new Athletic Field is in preparation and is expected to be ready for use early in the summer of 1899. This will be one of the finest grounds in the State, and will afford ample opportunities for all the more vigorous forms of outdoor exercise.

RELIGIOUS EXERCISES.

At the close of each morning recitation all the students, with the Faculty, assemble in the chapel for prayer, reading of scripture, and singing. The Students' Christian Associations—Young Men's and Young Women's—hold a union meeting every Wednesday evening, in the Association room, from 6.30 to 7.15 o'clock. The Y. M. C. A. also hold a meeting Sunday mornings from 9.30 to 10 o'clock. Voluntary classes for Bible study are carried on through the year. The prayer-meetings of the Y. W. C. A. are on Mondays from 6.30 to 7.15 P.M.

The methods employed are successful in making the meetings varied, attractive, earnest, and spiritual. One meeting each month is devoted to some phase of missionary work.

In addition to these, weekly class prayer-meetings are held and are usually well attended.

The last Thursday in January is observed as "The Day of Prayer for Colleges," and is set apart entirely for meetings with a religious purpose. A sermon, to which the public is invited, is preached in the chapel at 2.30 P.M. It is hoped that Christian friends of the College generally will remember this day.

READING-ROOM.

The College has a Reading-Room, independent of the Library, supplied with a large number of the best daily and weekly newspapers, monthlies, and quarterlies. It is kept open during the whole day.

COLLEGE MAGAZINE.

The *Bates Student* is published monthly under the direction of the Editors and Managers selected from the Junior Class. The first number was issued January, 1873.

LITERARY SOCIETIES.

The College has no secret societies. It is doubtless owing largely to this fact that all the students unite with an earnest and wholesome interest in the support of the three literary societies, the EUROSOPHIAN, POLYMNIAN, and PIÆRIAN. The last is a new society, organized in the spring term of 1897. Much systematic work is devoted to preparation for the weekly meetings, which are held on Friday evenings, and are occasions not merely of social pleasure, but of most useful drill.

The programmes contain assignments that encourage musical culture, literary criticism, and essay writing.

The meetings afford thorough discipline in debate and in the proper conducting of deliberative assemblies, together with a stimulus to excellence in these attainments that to many is an educating force rarely found in colleges, and hardly second in utility to any department of the curriculum.

YEARLY EXPENSES.

Tuition,	$50.00		$50.00
*Room Rent,	9.00	to	18.00
Board (37 weeks, from $2.00 to $3.00 per week),	74.00	to	111.00
Fuel, lights, washing, books, etc.,	30.00	to	35.00
Use of Library,	3.00		3.00
Incidentals and Repairs,	8.00		10.00
Catalogues,	1.00		1.00
Instruction in Gymnasium,	3.00		3.00
Total,	$178.00		$231.00

Students taking Laboratory courses in Chemistry and Physics are charged an extra fee of five dollars each term.

The Freshmen pay a fee of one dollar for their medical examination, chart, and hand-book.

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* In Parker Hall suites of rooms, accommodating two or more students, and heated by steam, cost from $30 to $60 a year.

Board in private families (washing, wood, etc., included), $4.00 to $5.00 per week.

College bills for the Fall Term must be paid by November 1st, and for the Winter Term by March 1st. Students unable to pay their bills on or before the above dates are required promptly to present to the Faculty in writing their reasons why further time is necessary. Bills for the Spring Term must be paid by May 16th. Requests for an extension of time beyond this date must be made in writing to the College Treasurer.

RANK BILLS.

These are sent to the parent or guardian of each student at the close of every term.

DEGREES.

The Degree of Bachelor of Arts is conferred on all students who complete satisfactorily the full course of study.

The Degree of Master of Arts is conferred on graduates of the college of at least three years' standing who have completed one year's graduate non-professional study or its equivalent. Either two or three subjects may be selected, with the advice and under the direction of the heads of the College departments. Evidence of proficiency is to be given by examination and thesis. Theses must be presented and fee paid as early as June 1st, and final examinations must be passed not later than ten days before the annual Commencement. The fee is $10.00. Modifications of the foregoing conditions may be granted resident graduates.

BUILDINGS.

The College has six buildings,—Hathorn Hall, Parker Hall, Hedge Laboratory, Roger Williams Hall, Gymnasium, and President's House.

EXAMINATIONS.

All the classes are subjected to written examinations at the close of each term.

NEEDS.

Funds are needed for the endowment of Professorships, Scholarships, and the Library; for the erection of a Library building, and a Hall for the young ladies of the College. Of these needs, each of them important, a suitable Library Building is the most urgent and embarrassing. Every department of the college work must suffer serious loss so long as it is unmet.

The following are some of the grounds on which the College solicits aid:

1. To a large number of young men and young women it offers their sole reasonable hope for obtaining a liberal education.

2. It is recruiting the ranks of educators, East, South, and West, with a body of scholars and teachers of signal ability and influence.

3. No College in the country has been more successful in securing character as well as scholarship.

4. The work of the College has no taint of sectarianism.

5. The location of the College seems the best possible for its usefulness. It can gather young men and young women of small means but of great promise, and can give them the New England culture of heart and mind to be used for the good of our entire country.

6. It took up the cause of higher education for women when it was unpopular.

7. Nowhere in our country is there a more vital connection between every dollar to educational work and the forces that are shaping our Christian civilization.

The College is in sore need of a larger endowment. $25,000 will endow a professorship. It is painfully embarrassed by the small number of its scholarships. $1,000 will endow a perpetual scholarship.

It is in pressing need of a Library building and fund.

FORM OF A BEQUEST.

"I give and bequeath to the President and Trustees of Bates College, a corporation existing in Lewiston, Maine, the sum of————dollars, in trust, the principal of said sum to be safely invested by them, and the income thereof appropriated under their direction for the purposes of the College."

SCHOLARSHIPS.

State Scholarships.

There are ten State Scholarships (giving tuition to ten students) in the hands of the Governor; and in bestowing them preference is given to the children of those who have borne arms in defense of their country, and always to students who are needy and meritorious.

Each of the following scholarships has been endowed by a donation of one thousand dollars, and it gives free tuition to the student elected to hold the scholarship:

Redington Scholarship—For a Lady Student.

Endowed by the late Hon. Asa Redington, LL.D., of Lewiston. This is supposed to be the first instance of such an appropriation in any of the colleges.

Dudley Scholarship.

Endowed by Alvin D. Dudley, Esq., of Haverhill, Mass.

Cheney Scholarship—For a Student from New Hampshire.

Endowed by Hon. Person C. Cheney, A.M., of Manchester, New Hampshire.

Woodman Scholarship.

Endowed by the Paige Street Free Baptist Church, Lowell, Mass., in memory of Rev. Jonathan Woodman, late pastor of the church.

Symonds Scholarship.

Endowed by the Plymouth Free Baptist Church, Portland, in memory of Joseph Symonds, Esq., deacon of the church.

Clements Scholarship.

Endowed by the late Rev. Tisdale D. Clements of Lewiston.

Bridge Scholarship.

Endowed by Charles Bridge, Esq., of Gardiner.

Lewis Scholarship.

Endowed by the late Chace Lewis, Esq., of Providence, R. I.

Class Scholarship.

Endowed by the Class of 1877.

Bartlett Scholarship.

Endowed by the Main Street Free Baptist Church, Lewiston, in memory of Rev. Flavel Bartlett.

Bowen Scholarship.

Endowed by Mrs. Hannah Bowen, in memory of Nathaniel Bowen, Esq., of Providence, R. I.

Cobb Scholarship.

Endowed by the late Hon. C. C. Cobb of Lewiston, in memory of his son, Rev. Frank Woodbury Cobb, A.M., Class of 1873.

Houghton Scholarship.

Endowed by the late Rev. Alphonso L. Houghton, A.M., of Lawrence, Mass., Class of 1870.

Randall Scholarship.

Endowed by Mrs. Abby Randall, in memory of Isaac Randall, Esq., of Johnston, R. I.

Williamson Scholarship.

Endowed by Elias W. Williamson, Esq., Potter's Landing, Md., in memory of his father, Rev. Stephen Williamson of Stark.

Eaton Scholarship.

Endowed by Mrs. Oliver H. Durrell of Cambridge, Mass., in memory of her father, Rev. Ebenezer G. Eaton of Lewiston.

Baldwin Scholarship.

Endowed by the late B. C. Baldwin, Esq., of Lowell, Mass., in memory of his wife.

Bonney Scholarship.

Endowed by Mrs. Harriet Cheney Bonney and Sherman G. Bonney, M.D., in memory of Calvin F. Bonney, M.D., of Manchester, N. H.

Frye Scholarship.

Endowed by Hon. William P. Frye, LL.D., of Lewiston.

Nutting Scholarship.

Endowed by the late Lyman Nutting, Esq., of Lebanon, Pa., in memory of his sister, Mrs. Charlotte Nutting Chadbourne.

Ellis Scholarship.

Endowed by Miss M. A. Wales of Boston, Mass., in memory of her pastor, Rev. Rufus Ellis, D.D.

Talpey Scholarship.

Endowed by Hon. Charles W. Talpey of Farmington, N. H.

Thissell Scholarship.

Endowed by Mrs. Abby T. Deering of Portland, in memory of Hon. John Thissell of Corinth.

Ward Scholarship.

Endowed by Mrs. Mary E. Ward, in memory of her husband, Warren Ward, Esq., of Auburn.

Bean Scholarship.

Endowed by Cyrus E. Bean, Esq., of Portland, in memory of his father, Cotton Bean, Esq., of Limerick.

Small Scholarship.

Endowed by James T. Small, Esq., of Lewiston, in memory of his son, Everett J. Small, Class of 1889.

Dyer Scholarship.

Endowed, for the benefit of some student preparing for the Christian ministry, by Mrs. Irene M. Higgins, in memory of her parents, Mr. and Mrs. Jonah Dyer of Cape Elizabeth.

Cushman Scholarship.

Endowed by Ara Cushman, Esq., of Auburn.

Page Scholarship.

Endowed by Peter Page, Esq., of New York City.

Ramsey Scholarship.

Endowed by Mrs. V. G. Ramsey of North Berwick, in memory of her husband, Rev. G. P. Ramsey.

Mathews Scholarship.

Endowed by John M. Mathews, Esq., of Burlington, Vt., in memory of his daughter, Orissa Frances Mathews.

Perkins Scholarship.

Endowed by Mrs. Moses W. Shapleigh of Ashland, N. H., in memory of her father, Rev. Thomas Perkins.

Woodbury Scholarship.

Endowed by friends of the late Charles Woodbury of Boston, for the benefit of some Methodist student.

Harmon Scholarship.

Endowed by the late Ivory W. Harmon of Newton Centre, Mass., in memory of his son, Wallace Ivory Harmon.

Mary L. Stone Scholarship.

Endowed by James S. Stone of Boston, Mass., in memory of his wife.

Jordan Scholarship.

Endowed by Merrill Page and Emily Deering Jordan, in honor of Rev. Zachariah and Sabrina Page Jordan.

Clapp Scholarship.

Endowed by Lucius Clapp, Esq., of Randolph, Mass.

Weber Scholarships.

The Trustees, under the will of the late Frederick E. Weber of Boston, Mass., have given five thousand dollars for the maintenance of Weber Scholarships, for the benefit of needy and deserving students at Bates College. It is a condition of the gift that one-half of the income shall be added to the principal year by year; and that the remaining half only shall be used for the support of the said scholarships.

Waldron Fund.

Given by Rev. William H. Waldron of Farmington, N. H., the interest to pay the tuition of students studying for the Christian ministry.

Student Fund.

Students contemplating the Christian ministry receive assistance every year of the course.

PRIZES.

Prizes will be awarded as follows:

First—For General Scholarship.

To the Junior Class—Two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

To the Sophomore Class—Two prizes of EIGHT DOLLARS each, one to a young man and one to a young woman.

To the Freshman Class—Two prizes of SIX DOLLARS each, one to a young man and one to a young woman.

Second—For Excellence in Declamation.

In the Fall Term—To the Freshman Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the Spring Term—To the Sophomore Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the Summer Term—To the Junior Class, a prize of TWENTY DOLLARS, for excellence in original declamation. Also for several years a special prize of SEVENTY-FIVE DOLLARS has been given for original declamation.

Third—For Excellence in English Composition.

In the Summer Term—To the Sophomore Class, a prize of TEN DOLLARS.

Fourth—For Excellence in Public Debate.

Fall Term—To each division of the Sophomore Class, a prize of TEN DOLLARS.

Summer Term—The Champion Debate—A prize of TWENTY DOLLARS. Eight are elected from the Sophomore Class to participate in it.

For the past year prizes have been awarded as follows:

For General Scholarship—To Edith H. Hayes, Mabel T. Jordan, Howard G. Wagg, Grace A. Tarbox, Vernon E. Rand, Josephine B. Neal. Special prize for extra work to Mabel E. Marr.

For Public Declamation—1897, to Arthur E. Davis, Gertrude B. Libby.

For English Composition—1898, to Georgia M. Knapp, Mabel E. Marr.

For Original Declamation—1898, to George A. Hutchins, Susie L. Rounds.

For Public Debate—1897, to Charles P. Dennison, Richard S. M. Emrich, Mabel E. Marr, Leroy G. Staples, Bertha O. True, Howard G. Wagg.

For Champion Debate—1898, to William A. Robbins.

STUDENTS.

SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Albee, Lettice Bertha Blagdon,	*Lexington.*	349 College Street.
Bassett, Whitman Sears,	*Chatham, Mass.*	H. H.
Blake, Edith Susan,	*Somersworth, N. H.*	46 Bates Street.
Brown, Bertha Maria,	*Providence, R. I.*	17 Frye Street.
Butterfield, Annie Jane,	*Hallowell.*	247 College Street.
Calhoun, Charles Spurgeon,	*Victoria, B. C.*	6 R. W. H.
Cary, Charles Ernest,	*Auburn.*	
Chase, Muriel Esther,	*Lewiston.*	16 Frye Street.
Coan, Marion Sadie,	*Auburn.*	68 High Street.
Cox. Blanche Isola,	*Portland.*	115 Wood Street.
Churchill, Herbert Chester,	*Madison, N. H.*	H. H.

Donnocker, Bertha Luella,	*Melrose Highlands, Mass.*	24 Frye Street.
Dame, Iris St. Helena,	*Farmington, N. H.*	113 Wood Street.
Dutton, Milton Pinkham,	*Anson.*	10 Arch Avenue.
Finn, Helen Agnes,	*Lewiston.*	74 Knox Street.
Foster, Edward Britian,	*Lewiston.*	107 Blake Street.
Fuller, Oscar Anderson,	*Washington, D. C.*	11 R. W. H.
Furbush, Mabel Blanche,	*Lewiston.*	69 Horton Street.
Graffam, Perley Edmund,	*Lewiston.*	139 Oak Street.
Gray, Irving Holmes,	*Bow Mills, N. H.*	32 Cottage Street.
Hayes, Edith Ham,	*Auburn.*	77 Seventh Street, Auburn.
Hutchins, George Augustus,	*Oakland.*	162 College Street.
Hicks, Maleen Peabody,	*Gilead.*	113 Wood Street.
Hutchinson, Allen Chaffin,	*South Paris.*	14 P. H.
Hyde, Alban Bernard,	*Fairport, N. Y.*	6 R. W. H.
Irving, Edith Iola,	*Lewiston.*	500 Main Street.
Jordan, Mabel True,	*Lewiston.*	24 Frye Street.
Kelley, Edith Abbott,	*Lewiston.*	14 Mountain Avenue.
King, Lora Vivian,	*Fort Fairfield.*	247 College Street.

Knapp, Georgia Mae,	*Lewiston.*	218 College Street.
Lary, Stanley Clarence,	*Dexter.*	7 P. H.
L'Heureux, Albert Theophilus,	*Lewiston.*	Whipple Street.
Lord, Alice Edna,	*Lewiston.*	192 Webster Street.
Marrow, Edith Belle,	*Auburn.*	90 Pleasant Street, Auburn.
Maxim, Ena Augusta,	*South Limington.*	247 College Street.
Merrill, Oscar Charles,	*Litchfield.*	11 P. H.
Palmer, Ernest Lowell,	*Charleston.*	11 P. H.
Parsons, George Francis,	*Auburn.*	495 Court Street, Auburn.
Peacock, Everett,	*Gardiner.*	39 P. H.
Pomeroy, Fred Elmer,	*Lewiston.*	164 Holland Street.
Pulsifer, Nathan,	*Auburn.*	13 P. H.
Quinn, Bennet Homer,	*Lubec.*	33 P. H.
Ricker, Grace Helen,	*Lewiston.*	115 Wood Street.
Roberts, Annie Maria,	*Somersworth, N. H.*	262 College Street.
Roberts, Thomas Arthur,	*Turner.*	145 Nichols Street.
Rounds, Susie Louise,	*South Paris.*	21 Western Promenade, Auburn.
Saunders, William Allen,	*Louisa Court House, Va.*	51 P. H.

SCAMMON, THOMAS HARMON,	*Madison, N. H.*	R. W. H.
SMALL, HERBERT CENTER,	*West Gardiner.*	363 Main Street.
STEVENS, OSCAR ADELMER,	*Plymouth.*	33 P. H.
STEWART, DELBERT MASON,	*Lewiston.*	29 High Street.
TETLEY, EDMUND BRAYSHAW,	*Laconia, N. H.*	18 R. W. H.
THAYER, WILDIE,	*Lowell, Mass.*	17 Frye Street.
WADSWORTH, FREDERICK STEVENS,	*Gardiner.*	39 P. H.
WAGG, FRANK PERLEY,	*Lewiston.*	32 Cottage Street.
WHEELER, ALTON CHAPMAN,	*South Paris.*	13 P. H.

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JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Avery, Jane Eliza,	*Lewiston.*	95 Wood Street.
Ayer, Frank Percy,	*Cornish.*	36 P. H.
Beal, Agnes Emilla,	*Lewiston.*	21 High Street.
Berry, Clara E.,	*West Paris.*	184 Bates Street.
Butterfield, Welbee,	*Dover, N. H.*	4 R. W. H.
Call, Ernest Victor,	*Pittsfield.*	34 P. H.
Catheron, Allison Graham,	*Manchester, Mass.*	29 P. H.
Chase, Edward Percival,	*Upper Gloucester.*	66 P. H.
Clason, Silas Oliver,	*Lisbon Falls.*	45 P. H.
Coffin, Carl Sargent,	*Thorndike.*	42 P. H.
Cole, Bessie Roberts,	*Guilford.*	247 College Street.
Dennison, Charles Page,	*West Paris.*	195 Holland Street.
Dresser, Rena Agnes,	*Lewiston.*	40 Whipple Street.
Dunham, Harry Elmer,	*Reed's Mills.*	133 College Street.

Elder, Perley Calvin,	*Lewiston.*	158 Holland Street.
Emrich, Richard Stanley Merrill,	*South Framingham, Mass.*	56 P. H.
Fairbanks, Emily Leone,	*Lewiston.*	10 Hammond Street.
Ford, Mary Belle,	*Kingston, Mass.*	13 Skinner Street.
Foster, Charles Levi,	*Lewiston.*	107 Blake Street.
Gay, Emma Grace,	*Keene, N. H.*	
Getchell, Floe Louise,	*Lewiston.*	780 Main Street.
Glidden, Louis Gilman,	*Liberty.*	195 Holland Street.
Griffin, George Llewellyn,	*Canterbury, N. H.*	48 P. H.
Guptill, Orville Jewett,	*Lewiston.*	818 Upper Main Street.
Healey, Guy Ernest,	*Madison.*	35 P. H.
Hussey, Carlyle Perry,	*Guilford.*	247 College Street.
Johnson, George Herbert,	*Farmington, N. H.*	20 R. W. H.
Jones, Albert Mark,	*Brooks.*	227 College Street.
Joyce, Alice Hester,	*Lewiston.*	48 Birch Street.
Lambe, Mary Belle,	*South Paris.*	113 Wood Street.
Lowe, Arthur Wedgwood,	*Lewiston.*	54 Pierce Street.
Lowell, Florence Winchester,	*Auburn.*	84 Goff Street, Auburn.

Ludwig, Mabelle Alice,	*Camden.*	226 Oak Street.
Manter, George Edward,	*Lake Shore.*	21 R. W. H.
Marr, Mabel Emery,	*Yarmouth.*	239 College Street.
McCann, Josiah Small,	*Mechanic Falls.*	10 Arch Avenue.
Miller, Frank Henry,	*Camden.*	9 P. H.
Mitchell, Maude Frost,	*Littleton Common, Mass.*	262 College Street.
Morse, Ralph Isaiah,	*Liberty.*	15 P. H.
Packard, Bertram Everett,	*South Litchfield.*	15 P. H.
Parker, Edith Stone,	*Greene.*	139 College Street.
Powell, Lester Lovett,	*Danforth.*	211 Cottage Street.
Proctor, Harriet Davis,	*Northborough, Mass.*	139 College Street.
Purinton, Royce Davis,	*West Bowdoin.*	164 Holland Street.
Reud, W. Robert,	*St. John, N. B.*	19 R. W. H.
Rich, Alpheus William,	*Charleston.*	36 P. H.
Richardson, Dennett Leroy,	*Oldtown.*	35 P. H.
Robbins, William Alvin,	*Cheboque Point, Yarmouth, N. S.*	2 R. W. H.
Sears, Blanche Burdin,	*Lewiston.*	87 Wood Street.
Skillings, Hattie,	*Lewiston.*	Thorne's Corner.

Small, Lucy Jane,	*Lisbon Falls.*	247 College Street.
Small, Pearl McAllister,	*Auburn.*	27 Spring Street, Auburn.
Staples, Leroy Gilbert,	*North Berwick.*	4 R. W. H.
Stinchfield, Fred Harold,	*Danforth.*	41 P. H.
Sturgis, Milton Gorham,	*Lewiston.*	40 Mountain Avenue.
Summerbell, Ferris,	*Lewiston.*	431 Main Street.
Summerbell, Grace,	*Lewiston.*	431 Main Street.
Tarbox, Grace Adrianna,	*Lewiston.*	370 College Street.
Thompson, Florence Ethel,	*Lewiston.*	12 Webster Street.
Trask, Clara Maria,	*Peabody, Mass.*	262 College Street.
True, Bertha Ophelia,	*New Gloucester.*	139 College Street.
Wagg, Howard G.,	*South Lewiston.*	32 Cottage Street.
White, Helen,	*Wiscasset.*	262 College Street.
Whitman, Emerson,	*Lewiston.*	113 Wood Street.
Willis, Urban George,	*Pittsfield.*	34 P. H.
Wing, Artemas Ward,	*Phillips.*	31 L. S. H.

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SOPHOMORE CLASS.

NAME.	RESIDENCE.	ROOM.
Bachelder, Willard Kezer,	*East Winthrop.*	32 Cottage Street.
Bailey, Annie Eugenia,	*Gray.*	13 Skinner Street.
Baldwin, Lizzie Maud,	*Nashua, N. H.*	35 Frye Street.
Bennet, Mae Seeley,	*Lubec.*	262 College Street.
Besse, Bertha Amanda,	*Auburn.*	35 Academy Street, Auburn.
Blanchard, Delia Mae,	*Abbot Village.*	227 College Street.
Bragg, Jessie Sumner,	*St. Albans.*	161 Wood Street.
Brett, Bertha Mabelle,	*Auburn.*	137 Spring Street, Auburn.
Buker, Winfield Richmond,	*Bowdoinham.*	96 Nichols Street.
Burke, Wilfrid Israel,	*Kennebunk.*	96 Nichols Street.
Cartland, Alice M.,	*Lewiston.*	195 Oak Street.
Chadbourne, Ava Harriet,	*Mattawamkeag.*	13 Skinner Street.
Channell, Ralph Walter,	*Lewiston.*	79 Webster Street.
Chick, Arthur Jesse,	*Madrid.*	17 P. H.

Clark, Arthur Charles,	*Berwick.*	96 Nichols Street.
Davis, Arthur Eugene,	*Whitinsville, Mass.*	40 Spring Street.
Davis, Eben Frank,	*Auburn.*	Auburn.
Demack, Leo Charles,	*Lewiston.*	94 Howe Street.
Dennett, Thomas Chase,	*Lewiston.*	259 Park Street.
Dennison, Martha Ella,	*West Paris.*	247 College Street.
Densmore, Willis Andy,	*Kennebunk.*	349 College Street.
Dow, Mittie Anna,	*East Newport.*	262 College Street.
Ellingwood, William Henry Swift,	*Mechanic Falls.*	10 Arch Avenue.
Estes, Nina Theresa,	*Lewiston.*	52 Howe Street.
Felker, Ivan Isaiah,	*Pittsfield.*	161 Wood Street.
Files, Ethel Grace,	*Lewiston.*	206 College Street.
Fisher, Anna Hortense,	*Bowdoinham.*	113 Wood Street.
Garcelon, Alonzo Herrick,	*Lewiston.*	198 Middle Street.
Goddard, Annette May,	*Lewiston.*	96 Elm Street.
Goddard, Harold Clifford,	*Auburn.*	287 Turner Street, Auburn.
Goss, Ralph Warren,	*Lewiston.*	60 Wood Street.
Guptill, Herbert Samuel,	*Berwick.*	96 Nichols Street.

Halliday, Frank,	*Pittston.*	96 Nichols Street.
Hamlin, John Fredrick,	*Bangor.*	336 College Street.
Hardy, Lawrence Parker,	*South Framingham, Mass.*	65 P. H.
Holman, George Shaw, Jr.,	*Dixfield.*	141 Nichols Street.
Holmes, William King,	*South Paris.*	43 P. H.
Irving, Bertha Lorea,	*Auburn.*	90 Third Street, Auburn.
Jordan, Elwyn Knowlton,	*Lewiston.*	24 Frye Street.
Landman, Nina Floretta,	*Townshend, Vt.*	148 Nichols Street.
Lang, Ivan Earle,	*Bowdoinham.*	17 P. H.
Libbey, Gertrude Brown,	*Lewiston.*	128 Sabatis Street.
Longwell, Samuel E.,	*Big Flats, N. Y.*	32 Cottage Street.
Marr, William Middleton,	*Westerly, R. I.*	211 College Street.
Mills, Harriett Bagnall,	*Lewiston.*	115 Lisbon Street.
Moore, Harry Leroy,	*Northborough, Mass.*	32 Cottage Street.
Moulton, Percy Daniel,	*Lewiston.*	99 College Street.
Nason, James Hamilton,	*Brownville.*	10 P. H.
Neal, Josephine Bicknell,	*Lewiston.*	146 Oak Street.
Noyes, Blanche Belle,	*Lewiston.*	714 Main Street.

Osborne, Florence Eldora,	*Lewiston.*	167 Holland Street.
Parker, Louise Lester,	*Auburn.*	255 Main Street, Auburn.
Perkins, Cynthia Burnham,	*Kennebunkport.*	262 College Street.
Pierce, Walter Blake,	*Lewiston.*	88 Wood Street.
Putnam, Harold Atherton,	*Lewiston.*	15 Skinner Street.
Rand, Vernie Elmer,	*Dexter.*	161 Wood Street.
Roberts, Richard Sewall Woodbury,	*Dover, N. H.*	R. W. H.
Rogers, Justin Noble,	*North Guilford.*	17 Frye Street.
Roys, Lincoln,	*Lewiston.*	88 Russell Street.
Siegars, Albert John,	*Bowdoinham.*	37 P. H.
Small, Flora Belle,	*West Bowdoin.*	13 Skinner Street.
Smith, Harry Ira,	*Newport.*	96 Nichols Street.
Stevens, Edward Synnott,	*Five Islands.*	24 R. W. H.
Stevens, Harold Elmer Ellsworth,	*Lewiston.*	374 Main Street.
Stuart, Herman Harry,	*South Paris.*	43 P. H.
Towle, Lena Belle,	*Lewiston.*	157 Holland Street.
Towne, Charlotte Gertrude,	*Portland, Conn.*	358 Main Street, Auburn.
Trickey, Harold Albert Mariner,	*Charleston.*	10 Arch Avenue.

Varney, Bertha May,	*Bowdoinham.*	247 College Street.
Vickery, Ethel Belle,	*Pittsfield.*	35 Frye Street.
Wheeler, Carlon Eugene,	*Berlin, Mass.*	32 Cottage Street.
Wheeler, Howard Gleason,	*South Paris.*	7 P. H.
Williams, Leroy Everett,	*Bowdoinham.*	37 P. H.
Wilson, Joseph Edward,	*Yarmouth, N. S.*	21 R. W. H.

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FRESHMAN CLASS.

NAME.	RESIDENCE.	ROOM.
Allen, Clara Frances,	*Leominster, Mass.*	37 Highland Avenue, Auburn.
Ames, Florence Sophia,	*Lewiston.*	70 Elm Street.
Babcock, Julia Emma,	*Lewiston.*	40 Mountain Avenue.
Bangs, Sadie Elizabeth,	*Sabatis.*	235 College Street.
Bemis, Elwin Rynell,	*Dexter.*	211 College Street.
Blake, Harry Alfred,	*Dexter.*	211 College Street.
Blanchard, Lucian William,	*Rumford Falls.*	156 Holland Street.
Brown, Arthur Calwell,	*East Poland.*	16 P. H.
Brown, Robert Alpheus,	*Bowdoin Center.*	94 Nichols Street.
Carver, Preston Jewett,	*Auburn.*	Perryville, Auburn.
Chapman, Marguerite Blanche,	*Bowdoinham.*	113 Wood Street.
Chase, Bessie Dyer,	*Lewiston.*	16 Frye Street.
Childs, Earle Alfred,	*East Dixfield.*	173 Wood Street.
Clason, Ernest Fairlie,	*Lisbon Falls.*	151 Nichols Street.

Cornforth, Edna,	*New Portland.*	22 Wakefield Street.
Daicey, Elmer Eugene,	*Auburn.*	109 Summer Street, Auburn.
Darling, Arthur Edwin,	*Auburn.*	210 Main Street, Auburn.
Day, Francena Bertha Rust,	*Auburn.*	80 Dunn Street, Auburn.
Dean, Ethel Mae,	*South Paris.*	247 College Street.
Deane, Lewis James,	*Lewiston.*	352 Main Street.
Dexter, Arthur Lewis,	*Whitman, Mass.*	173 Wood Street.
Donnocker, Charley Fletcher,	*Melrose Highlands, Mass.*	108 Nichols Street.
Drake, Mabel Edith,	*Auburn.*	7 Parker Street, Auburn.
Drake, Willard Melvin,	*Auburn.*	7 Parker Street, Auburn.
Eastman, E. S.,	*South Weare, N. H.*	
Everett, Philip Revere,	*East Poland.*	16 P. H.
Field, Bertha Sarah,	*Auburn.*	Gamage Avenue, Auburn.
Fittz, Alice Miriam,	*Natick, Mass.*	262 College Street.
Foss, Irving Cressey,	*Strafford Corner, N. H.*	52 High Street, Auburn.
Fowler, Albert Francis,	*Farmington.*	94 Nichols Street.
Garcelon, William Skelton,	*Lewiston.*	198 Middle Street.
Gosline, Edna Mae,	*Sussex, King's Co., N. B.*	262 College Street.

Harrington, Virgil DeWitt,	*Farmington, N. H.*	95 Wood Street.
Harris, Peter Alexander,	*Glasgow, Scotland.*	350 Lisbon Street.
Howes, Allison Prince,	*Hartland.*	
Hunnewell, John Arthur,	*Scarborough.*	60 Wood Street.
Jordan, Clarence Lorine,	*New Portland.*	151 Nichols Street.
Keene, Charles Garfield,	*Randolph.*	203 Oak Street.
Kimball, Lucy Florence,	*Newburyport, Mass.*	262 College Street.
Knowlton, Helen,	*Farmington.*	161 Wood Street.
Leggett, Lillian Gertrude,	*Northborough, Mass.*	247 College Street.
Leighton, Percy Augustine,	*West Cumberland.*	21 P. H.
Lodge, James Alexander,	*Manchester, Mass.*	8 P. H.
Long, Flora Estella,	*Lewiston.*	16 Russell Street.
Lunt, Georgiana,	*Auburn.*	204 Cook Street, Auburn.
Manuel, Ida Mae,	*Franklin Falls, N. H.*	262 College Street.
McCleary, Alfred Elwood,	*Maynard, Mass.*	8 P. H.
McCollister, Philena,	*Lewiston.*	103 College Street.
McLean, Ernest Llewellyn,	*Augusta.*	227 College Street.
Merrill, Annie Louisa,	*Gardiner.*	243 College Street.

Merry, Bion Corydon,	*East New Portland.*	134 Wood Street.
Millay, Annie Eunice,	*Bowdoinham.*	79 Webster Street.
Miller, Edith Mae,	*Camden.*	84 College Street.
Moody, Frank Benjamin,	*North New Portland.*	134 Wood Street.
Murphy, Catharine Hyacintha,	*Auburn.*	33 Newbury Street, Auburn.
Ohol, Augustine Deo,	*Rahuri, Hindustan.*	115 So. Main Street, Auburn.
Park, Clarence Ernest,	*Lyndon Center, Vt.*	113 Wood Street.
Pettengill, Ruth Eugenia,	*Curtis Corner.*	84 College Street.
Pomeroy, Ray Eugene,	*Lewiston.*	164 Holland Street.
Purinton, Angie Lois,	*Montsweag.*	247 College Street.
Purinton, Evelyn Achsah,	*Bowdoinham.*	13 Skinner Street.
Richmond, Mabel Arnold,	*Monmouth.*	418 Main Street.
Roys, Edville Adalas,	*Lewiston.*	85 Russell Street.
Russell, Ethel Almeda,	*Auburn.*	53 Fifth Street, Auburn.
Sawyer, Samuel Ellison,	*Sabatis.*	21 P. H.
Smith, Claribel Gilman,	*Monmouth.*	211 College Street.
Staples, Amanda Metcalf,	*Bowdoinham.*	487 Main Street.
Sullivan, Walter Edward,	*Oakland.*	147 Oak Street.

Summerbell, Laura Anna,	*Lewiston.*	431 Main Street.
Tenney, Franklin Asbury,	*Lewiston.*	37 Oak Street.
Thompson, Grace Ellen,	*Stratham, N. H.*	262 College Street.
Thurlough, Harry Harding,	*Litchfield Corner.*	16 P. H.
Truell, Hattie Pearl,	*Northborough, Mass.*	247 College Street.
Tryon, Arthur William,	*Auburn.*	15 Oak Street, Auburn.
Tucker, Ellie Louisa,	*Athens.*	262 College Street.
Turner, Charles Oscar,	*Farmington.*	38 Middle Street.
Wall, Erastus Lewis,	*Rockport.*	141 Nichols Street.
Watson, Bessie Vara,	*West Somerville, Mass.*	247 College Street.
Watts, Susie Frances,	*Littleton Common, Mass.*	262 College Street.
Wheeler, Margaret Elizabeth,	*Pride's Crossing, Mass.*	262 College Street.
Whitman, Plaisted Jackson,	*Buckfield.*	227 College Street.
Williams, Annie Evelyn,	*Topsham.*	247 College Street.

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SUMMARY.

Senior Class,	56
Junior Class,	66
Sophomore Class,	74
Freshman Class,	82
Total,	278

H. H., . . . Hathorn Hall.
P. H., . . . Parker Hall.
R. W. H., . . . Roger Williams Hall.
L. S. H., . . . Latin School Hall.

GRADUATES OF 1898.

Bennett, Joseph Leighton
Blake, Harry Wessenger
Brackett, Alice Maude
Brackett, John Freeman
Brackett, Sadie May
Bruce, Thomas Seth
Collins, Ernest Leon
Conant, Goldsmith Hall
Costello, Louis Bartlett
Farnum, Florence Stewart
Farnum, Imogene Sherman
Files, Bertha Fernald
Freeman, Elijah
Frost, Frank Wilbur
Garcelon, Mabel Sara
Goodspeed, Gertrude Cliff
Goodspeed, Henry Stephen
Griffin, Frederick Robertson
Hall, Abbie Bessie
Hawkins, Henry
Hayes, Bessie Cushman
Hinkley, Abner Toothaker
Knowlton, Ansel Alphonso
Landman, Fred Ulysses
Leader, Julia Frances
Maxim, Myrtle Belle
Morrison, Persie Louise
Parsons, William Sherman
Pearson, Frank
Perkins, Mary Hallowell
Pulsifer, Albert Packard
Skillings, Emma
Smith, Ellen Warrington
Sprague, John Perley
Stickney, Malcolm Enos
Tasker, Adah M.
Toothaker, Oliver Henry
True, Albert Douglass
Tucker, Edward M.
Tukey, Ralph Hermon
Weymouth, Affie Dell
Woodside, Tileston Edwin

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FACULTY OF COBB DIVINITY SCHOOL.

GEORGE COLBY CHASE, D.D., LL.D., PRESIDENT.

*REV. JOHN FULLONTON, D.D.,
Professor Emeritus of Ecclesiastical History and Pastoral Theology.

REV. JAMES ALBERT HOWE, D.D., DEAN,
Professor of Systematic Theology and Homiletics.

REV. ALFRED WILLIAMS ANTHONY, A.M., SECRETARY,
Fullonton Professor of New Testament Exegesis and Criticism.

REV. BENJAMIN FRANCIS HAYES, D.D.,
Professor of Apologetics and Pastoral Theology.

REV. HERBERT RONELLE PURINTON, A.M.,
Professor in Hebrew and Ecclesiastical History.

REV. ARTHUR E. COX, A.B.,
Instructor in Church History.

GROSVENOR M. ROBINSON,
Instructor in Elocution.

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*Deceased.

THE LATIN SCHOOL.

This institution is located in the city of Lewiston, Maine, and is owned by the College, and its expenses are defrayed by funds drawn from the College Treasury. Its management is by a special Board of nine Directors appointed by the Corporation of the College.

The special object of the School is to prepare students for the Freshman Class of Bates College, though students who do not contemplate a College Course are admitted to any of the classes which they have the qualification to enter.

The Course of Study comprises three years and as many classes—that is, the first year, or Junior Class; the second year, or Middle Class; and the third year, or Senior Class. The classes are so arranged that students can enter the school at any time during the year.

The tuition is nine dollars per term. The following arrangement of the terms is found to be the most convenient for students:

1898.

Calendar.

Sept. 13—Fall Term began	Tuesday
Nov. 24—Thanksgiving Day	Thursday
Dec. 14, 15, 16—Term Examinations	Wednesday, Thursday, Friday
Dec. 16—Fall Term ends	Friday

1899.

Recess of two weeks.

Jan. 3.—Winter Term begins	Tuesday
Jan. 27—Day of Prayer for Colleges	Friday
Feb. 22—Washington's Birthday	Wednesday
March 29, 30, 31—Term Examinations,	Wednesday, Thursday, Friday
March 31—Winter Term ends	Friday

Recess of one week.

April 11—Summer Term begins	Tuesday
Fast Day.	
May 30—Decoration Day	Tuesday
June 15, 16, 22, 23—Term Examinations,	Thursday, Friday, Thursday, Friday
June 23—Summer Term ends	Friday

Vacation of eleven weeks.

Sept. 12—Fall Term begins	Tuesday
Dec. 20, 21, 22—Term Examinations	Wednesday, Thursday, Friday

Board of Instruction.

Ivory F. Frisbee, A.M., Ph.D., Principal, Teacher of Latin and Greek; Goldsmith H. Conant, Teacher of Latin and History; G. M. Robinson, Teacher of Elocution; Artemas W. Wing, Teacher of Mathematics; Oscar C. Merrill, Teacher of Mathematics and Rhetoric; A. G. Catheron, Teacher of Latin; V. E. Rand, Teacher of Mathematics.

IH
-1900

Jan. 10 - 1903.

CATALOGUE

OF

BATES COLLEGE

1899-1900.

CATALOGUE

OF

BATES COLLEGE

LEWISTON, MAINE.

1899-1900.

LEWISTON, ME.:
PRINTED AT THE JOURNAL OFFICE.
1899.

CALENDAR-1900

JANUARY.

S	M	T	W	T	F	S
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FEBRUARY.

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1901

JANUARY.

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APRIL.

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In Exchange.
F. W. Putnam
1 S '08

CALENDAR.

1899.
Sept. 12—Fall Term begins, ... Tuesday.
Nov. 30—Thanksgiving Day, Holiday, ... Thursday.
Dec. 8—Fall Term closes, ... Friday.
1900.
Jan. 9—Spring term begins, ... Tuesday.
Jan. 25—Day of Prayer for Colleges, ... Thursday.
Feb. 22—Washington's Birthday, Holiday, . . . Thursday.
Feb. 27–March 9—Freshman Preliminary Declamations, . 2 P.M.
Prize Division, ... 2 P.M.
March 13–23—Sophomore Debates, ... 2 P.M.
March 30—Spring Term closes, ... Friday.
April 10—Summer Term begins, ... Tuesday.
May 30—Decoration Day, Holiday, ... Wednesday.
June 20-23—Examination of the College Classes, Wednesday–Saturday.
June 24—Baccalaureate Exercises, . . . Sunday, 10.30 A.M.
" 24—Sermon before the College Christian Associations, Sunday, 7.45 P.M.
" 25—Sophomore Prize Debate, . . Monday, 2.30 P.M.
" 25—Junior Exhibition, ... Monday, 7.45 P.M.
" 26—Annual Meeting of the Alumni, . . Tuesday, P.M.
" 26—Class Day Exercises, ... Tuesday, 2.30 P.M.
" 26—Concert, ... Tuesday, 7.45 P.M.
" 27—Examination for Admission to College, Wednesday, 9 A.M.
" 27—Annual Meeting of the Corporation, Wednesday, 9 A.M.
" 27—Reception to Graduates by Members of the Faculty, Wednesday, 2 to 5 P.M.
" 27—Literary Exercises of the Alumni, Wednesday, 7.45 P.M.
" 28—Commencement, ... Thursday, 10 A.M.
" 28—Address before the Literary Societies, Thursday, 7.45 P.M.
" 29—President's Reception of the Graduating Class, Friday, 8 P.M.
Sept. 10—Examination for Admission to College, Monday, 2 P.M.
" 11—Fall Term begins, ... Tuesday.
Oct. 22–Nov. 3—Sophomore Preliminary Declamations, . 2 P.M.
Prize Division, ... 2 P.M.
Dec. 7—Fall Term closes, ... Friday.

GENERAL INFORMATION.

FOUNDATION.

Bates College grew out of the Maine State Seminary, chartered in 1855. In 1862 sixteen young men in this school petitioned the Trustees to provide facilities for collegiate instruction. In the fall of 1863 the first Freshman class was admitted, and in the winter of 1864 a new charter was secured, and Maine State Seminary became Bates College. The name Bates College was given by the Trustees in grateful acknowledgment of the generosity of Mr. Benjamin E. Bates of Boston, Mass., one of the founders of the city of Lewiston. Mr. Bates had taken a warm interest in the Seminary, and it was his encouragement, with a subscription in 1863 of $25,000, which led to its development into the college. To this sum he subsequently added $75,000. Mr. Bates died in 1877. Other friends have generously aided the institution, but none of their benefactions have equaled in amount the gifts of Mr. Bates.

Lewiston, in which the College is situated, is the second city in population in Maine, having about twenty-five thousand inhabitants. It is on the east bank of the Androscoggin, thirty-five miles north-east of Portland. It is connected by four bridges with Auburn, a city with twelve thousand inhabitants, on the opposite bank of the river. The two cities are among the most enterprising and progressive in the East. Many of their public buildings are exceptionally beautiful and substantial. Their excellent public schools are constantly bringing to the two cities from all parts of Maine, and even from adjoining States, parents eager to secure a good education for their children. The Lewiston High School, and the Edward Little Institute of Auburn, rank among the best preparatory schools in New England. The pulpits of Lewiston and Auburn are occupied by able and scholarly men, and residents of few towns have better facilities for hearing the representative lecturers and orators of our country. The two cities are remarkably healthful, are situated amid some of the most beautiful scenery of the Androscoggin valley, and combine in a rare degree the educational influences afforded by the presence of business energy, of scholarly leisure, and of attractive environments. They are a little more than four hours distant from Boston, and are accessible from all directions by means of three railways,—the Grand Trunk and two lines of the Maine Central. The college grounds consist of fifty acres in the suburbs of Lewiston. They have great natural beauty and command fine views of the surrounding country. From the summit of Mount David, given by Mrs. Archibald Wakefield and the late Mrs. John M. Frye, as the site of an astronomical observatory, the White Mountains, more than fifty miles away, are distinctly visible.

CHARACTER OF THE COLLEGE.

The college is unsectarian in all its aims and methods, but it is unequivocally Christian. Breadth and thoroughness are sought, not only in literary and scientific attainments, but in moral and spiritual culture. What are called the vices of student life are practically unknown at Bates. No student can be a member of the college without taking and keeping a pledge to abstain from alcoholic drinks. Hazing has never been tolerated. A large percentage of the students are actively religious, and among them are represented nearly all the religious denominations of New England. It has been the constant aim of the college to encourage and aid students of limited means and to exclude such habits and customs as lead to extravagant and unnecessary expenditures. From its organization in 1863, the college has received young women on the same terms with young men, thus beginning on the Atlantic sea-board the movement for the higher education of women.

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TERMS OF ADMISSION.

The requirements for admission to the Freshman Class are as follows:

LATIN.

Six Books of Virgil's Æneid;
Four Books of Cæsar's Gallic War;
Six Orations of Cicero;
Thirty Exercises in Jones's Latin Composition, or an Equivalent;
Latin Grammar, including Prosody;
Translation of Easy Latin at sight.

GREEK.

Four Books of Xenophon's Anabasis;
Two Books of Homer's Iliad;
Twenty Exercises in Jones's Greek Composition, or an Equivalent;
Greek Grammar;
Translation of Easy Greek at sight;
Ancient History and Geography.

MATHEMATICS.

1. Algebra, through Equations of the Second Degree, including Ratio and Proportion, Arithmetical and Geometrical Progression, and the use of the Binomial Formula.

2. Plane Geometry, including all the original exercises as given by Wells or Wentworth.

ENGLISH.

I. The correction of sentences faulty in syntax, diction, or construction.

II. The writing of an essay upon some subject taken from one of the books named in III.

III. *Reading.* The candidate will be required to present evidence of a general knowledge of the subject-matter of the books read, and to answer simple questions on the lives of the authors. The books set for this part of the examination will be:

1900.—Dryden's Palamon and Arcite; Pope's Translation of the Iliad (Books I., VI., XXII., and XXIV.); The Sir Roger de Coverley Papers in The Spectator; Goldsmith's Vicar of Wakefield; Scott's

Ivanhoe; De Quincey's Flight of a Tartar Tribe; Cooper's Last of the Mohicans; Tennyson's Princess; Lowell's Vision of Sir Launfal.

1901.—George Eliot's Silas Marner; Pope's Translation of the Iliad (Books I., VI., XXII., and XXIV.); The Sir Roger de Coverley Papers in The Spectator; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; Shakespeare's Merchant of Venice; Cooper's Last of the Mohicans; Tennyson's Princess; Coleridge's Rime of the Ancient Mariner.

1902.—George Eliot's Silas Marner; Pope's Translation of the Iliad (Books I., VI., XXII., and XXIV.); The Sir Roger de Coverley Papers in The Spectator; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; Shakespeare's Merchant of Venice; Cooper's Last of the Mohicans; Tennyson's Princess; Coleridge's Rime of the Ancient Mariner.

1903.—Shakespeare's Merchant of Venice and Julius Cæsar; The Sir Roger de Coverley Papers in The Spectator; Goldsmith's The Vicar of Wakefield; Coleridge's The Ancient Mariner; Scott's Ivanhoe; Carlyle's Essay on Burns; Tennyson's The Princess; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

IV. *Study and Practice.* This part of the examination presupposes the thorough study of each of the works named below. The candidates will be examined upon subject-matter, form, and structure. The books set for this part of the examination will be:

1900.—Shakespeare's Macbeth; Milton's Paradise Lost (Books I. and II.); Burke's Speech on Conciliation with America; Macaulay's Essays on Addison and Milton.

1901.—Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essays on Addison and Milton.

1902.—Same as 1901.

1903.—Shakespeare's Macbeth; Milton's Lycidas, Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America; Macaulay's Essays on Milton and Addison.

Candidates properly prepared in French, in addition to the requirements above specified, may be admitted to advanced courses in that language.

Graduates of preparatory schools whose methods and courses of study are approved by the Faculty of the College may be admitted provisionally, upon the certificates of the principals of such schools. The certificates must clearly show that the amount and quality of the work done by those who present them are equivalent to the published requirements of the College. At the close of the first term all who have done scholarly work and maintained satisfactory deportment will be admitted to full standing. No student will be admitted to the College without giving proof of a good moral character.

All candidates for advanced standing will be examined in the preparatory studies, and also those previously pursued by the class they propose to enter, or in other studies equivalent to them.

Certificates of regular dismission will be required from those who have been members of other colleges.

The regular examinations for admission to College take place on Wednesday preceding Commencement, and on Monday preceding the first day of the Fall Term.

The examinations for admission to College will be both written and oral.

No special students are admitted to any of the College classes.

COURSES OF INSTRUCTION.

It is the aim in each department to exemplify the methods and results of a scholarship at once sound and progressive. All the work of the Freshman year is required. Electives are introduced in the Sophomore year and are increased in number as the course goes on. The essentials of a liberal education are constantly kept in view and the attainment of knowledge is made tributary to the love of study, the habit of investigation, and the tastes and aptitudes of the scholar. The individuality of students is recognized and encouraged without the sacrifice of breadth and thoroughness. Class-room work is supplemented by original observation and research and by a systematic use of the College Library.

PHILOSOPHY.

Study in this department begins in the Summer term of the Junior year and continues through the Senior year, Logic and Ethics being elective.

The mode of instruction combines lectures, recitations from text-books, collateral reading, and essays upon assigned topics. In Psychology due attention is given to recent physiological investigations and to the history of the evolution of theories of knowledge, and also to the practical bearing of psychological truths upon the formation of character and upon successful work in the higher avocations. The aim constantly kept in view is not to secure the memorizing of words, but habits of exact and inquisitive thought.

In Logic, special effort is made to elucidate the mental processes employed in the formation of concepts, in deductive Logic, and especially in Induction and the Scientific Method. Attention is specially directed to the grounds of induction and of the validity of knowledge, and, as much as the time allows, to historic inquiry into the rise and relationships of the various schools of philosophic thought.

In Ethics, besides an examination and criticism of the principal phases of ethical theory and a study of the applications of ethical principles to correct thinking and to the conduct of life, the origin and evolution of ethical ideals are traced and the corresponding moral progress of the historic races; also the help afforded by Christianity to that progress and to the attainment of an ultimate ideal.

One hour each week is given during the Freshman year to instruction in Christian Ethics. The aim of this course is to show that both individual excellence and social progress are dependent upon the application of Christ's teachings to the problems of character and conduct presented in the life of to-day; and that the adaptation of Christianity to human needs and aspirations is an abiding proof of its divine origin. The teachings of the text-book used are supplemented by talks, lectures, and discussions. There is a constant endeavor to make the work practical.

GREEK AND LATIN.

In addition to a critical study of Latin and Greek, special attention is given to the history and philosophy of the Greeks and Romans, their political institutions, religion, art, amusements, and domestic life.

The study of Greek and Latin is required throughout the Freshman year, four recitations a week in each. Greek is studied in the Spring term of the Sophomore year and Latin in the Summer, also Latin in Spring term of Junior year. In Latin each year are generally read one of the books of Livy, one of the philosophical treatises of Cicero, some of the odes, epodes, satires, and the Ars Poetica of Horace, either the Germania and Agricola of Tacitus or extracts from his Histories or Annals, some of the satires of Juvenal, and occasionally portions of Lucretius. In the Greek course are read extracts from Herodotus and Thucydides, some of the orations of Demosthenes or Lysias, one of the tragedies of Æschylus, Sophocles, or Euripides, and one of the dialogues of Plato. Occasionally the classes read portions of Xenophon's Memorabilia and of Homer's Odyssey, some of the odes of Pindar, and the Clouds of Aristophanes. A part of each recitation hour is devoted to reading at sight.

GERMAN.

The study of German is required during the Sophomore year, and is elective during the Junior and Senior years. Three hours per week are devoted to this during seven terms, and two hours per week during two terms.

The aim of the department is to give to the students a thorough knowledge of German Grammar, accuracy in translation, a well-trained ear, facility in conversation, readiness in composition, acquaintance with classic masterpieces, and a general knowledge of the history of German Literature from the earliest times. To attain these ends an advanced Grammar is studied two terms, elementary reading is early introduced, leading to both prepared and sight-work, while dictation, connected prose-composition, and conversation follow.

From the commencement of the study the recitations are conducted in the language studied, as far as is practical. In the latter part of the course a Grammar written wholly in German is reviewed by the class. In the study of Literature lectures upon the life, times, and works of the leading authors studied, are given. In the work of the second and third years copious reading of German outside of the recitation room is required, together with the mastery of such general historical material as will throw light upon the texts employed, and thus increase the interest and enlarge the knowledge of the student.

TEXTS USED IN THE COURSE.

Grammars.—Thomas, Spanhoofd.

Readers.—Brandt, Hewett, Wenckebach.

German Composition.—Bernhardt, Jagemann, Stein, Wenckebach.

Poetry.—Goethe, Schiller, Heine, Klenze, Buchheim, Scheffel.

Dramas.—Goethe's Egmont, Iphgenie, Faust; Schiller's Yungfrau von Orleans, William Tell, Wallenstein; Lessing's Minns von Barnhelm, Nathan der Weise; Freytag's Die Journalisten.

History of German Literature.—Weber, Vilmar, Kluge, Scherer, Francke, Wenchebach, Bernhardt, Taylor, Hosmer, Gostwick, and Harrison.

Miscellaneous.—Heine's Prose; Scheffel's Ekkehard; Wenckebach's Deutscher Unterschauungs-Unterricht; Schrakampf's Berühmte Deutsche; Schrakampf's Erzahlungen aus der Deutschen Geschichte; Bernhardt's Goethe's Meisterwerke; Freytag's Soll und Haben, and Karl der Grosse; Hillern's Höher als die Kirche; Storm's Immensee; Chamisso's Peter Schlemihl; Riehl's Der Fluch der Schönheit.

FRENCH LANGUAGE AND LITERATURE.

Course 1. French grammar, composition, reading of modern French.

The aim of this course is to give the student a concise and thorough knowledge of the French grammar. The need of an extensive vocabulary is met by the reading and translation in class of a large amount of modern French. Especial attention is given to exactness of translation, and constant reference to the grammar is made. Composition is not a small part of this course, and some practice in conversation is given.

Required of the Freshmen in the Spring and Summer terms, and of the Sophomores in the Fall term. Three hours per week.

Course 2. Seventeenth century literature. Corneille, Racine, Molière.

Selected dramas of Corneille, Racine, and Molière are read and criticised in the class. The especial attention of the class is directed to the literary beauty and dramatic structure of Corneille and Racine, and to the comedies of Molière as a mirror of French society of that time.

Elective in Summer term of Sophomore year, and Fall term of the Junior year. Three hours per week.

Course 3. Nineteenth century literature. This course is a purely literary course, attempting to instill in the student's mind a love for the best to be found in the French prose and poetry of the age.

Elective in the Spring and Summer terms of the Junior year. Three times a week.

Course 4. Teacher's course.

This course will be distinctively a teacher's course, if so desired by a majority of the class. The attempt will be made to prepare the students, intending to teach French, in as complete a manner as the previous courses permit. To this end especial attention will be given to (1) Outline of French Literature; (2) Review of the grammar, with lectures and suggestions of the relation to the Latin grammar by way of comparison and contrast; (3) Pronunciation. To this end some time and attention will be given to the etymology and historical development of the forms and words. Suitable texts will be used in the class as a basis for the above work.

RHETORIC AND ENGLISH LITERATURE.

FRESHMAN YEAR.

1. Composition. The aim of this course is to train students to treat subjects within the range of their knowledge and interests with correctness, clearness, and force. The work required of each student is one composition a week. These compositions are carefully examined and corrected by the instructor; they are then used by him as a basis for systematic instruction in the class-room on the elementary principles of composition; and finally they are returned to the writers in the instructor's "consultation hours," with oral criticisms and suggestions. Two hours a week the first term, one the second, and one the third.

SOPHOMORE YEAR.

1. Rhetoric and argumentation. The work of the course includes the study of a text-book on Rhetoric, the writing of several themes, and the preparation of a short debate. Three hours a week. Fall term.

2. Rhetoric. Sophomore prize debates. Studies in selected masterpieces of prose or poetry. Three hours a week. Spring term.

The subjects of the prize debates are announced at the close of the Fall term of the Freshman year, and every argument is expected to give evidence of careful reading and vigorous thinking during the year following the announcement of the questions.

3. Advanced Composition (elective). This course is intended only for students who have already attained some proficiency in composition. The kind of composition practiced by each student is determined largely by his individual needs and tastes. Four hours a week. Summer term.

4. Champion Sophomore Prize Debate, participated in by speakers chosen from those presenting the best arguments in the debates of the Spring term. The remaining members of the class present each an essay in competition for a prize for the best theme upon a prescribed subject. Commencement week. Summer term.

JUNIOR YEAR.

1. Outline History of English Literature. One hour a week. Fall term.

2. The Drama. Origin and development of the Greek drama. History and development of the English drama. Critical study of selected plays of Shakespeare. Required reading of the best Elizabethan plays, and of other important works of the Elizabethan age. Four hours a week. Fall term.

3. Literature of the Seventeenth and Eighteenth Centuries. Literary history and biography of the period. Critical study of selected works of prose and poetry. Required reading, investigation, abstracts, reports and discussions. Library work is very prominent in this term. Four hours a week. Spring term.

4. Essays based on the study of masterpieces of Exposition or Persuasion, or theses on subjects requiring extended investigation. Fall and Spring terms. Original prize declamations upon assigned subjects. Each member of the class reads his part before a committee, by whom the best twelve parts are selected to be delivered in a prize contest, Commencement week. Summer term.

5. Literature of the Eighteenth and Nineteenth Centuries. History of the literature of the period. Critical study of selected works in prose and verse. Required reading and investigation. Four hours a week. Summer term.

SENIOR YEAR.

1. Lectures on literary criticism, with special reference to fiction. Literature of the Nineteenth Century, selected authors. Study and investigation of special topics in Literary history and criticism. Four hours a week.

2. An essay by each member of the class in criticism of some classic in English or American fiction. Fall term.

3. History of the English Language (elective). Six weeks during Spring term.

4. Critical study of Chaucer; Prologue to Canterbury Tales and two of the Tales. Topical study of English History in the time of Chaucer in connection with the examination of his poems (elective). Six weeks. Four hours a week. Spring term.

5. Senior Exhibition, original parts. Each member of the class reads his part before a committee, by whom twelve are selected to speak in the exhibition. Spring term.

6. Commencement parts. Each member of the class writes, but the speakers for Commencement are selected for scholarship.

7. English Literature of the Nineteenth Century. Selected authors. Critical study of Tennyson and Browning. Seminary work. Four hours a week. Summer term.

MATHEMATICS.

The study of Mathematics is pursued throughout the first two years of the course, there being five recitations weekly. During the Freshman year, mathematical work is required; during the Sophomore year it is elective. The first term of the Freshman year is devoted to algebra. The subjects taken are binomial theorem, undetermined coefficients, choice and chance, series, continued fractions, variables and limits, theory of equations, the graphical representation of equations, etc. The second term is given to solid and spherical Geometry, with original demonstrations. Especial emphasis is placed upon original work, it being considered of the highest disciplinary value. Plane and spherical Trigonometry occupies the last term of the year. Surveying is elective. Those who choose the subject have field practice, and compute areas and make plans of their surveys. The first half of the Sophomore year is given to Analytical Geometry; the second half to the Differential and Integral Calculus. Numerous illustrative examples are given in connection with both these subjects.

CHEMISTRY.

Work in this department includes recitations, lectures, and laboratory practice, and continues through the Junior and Senior years. The study begins with lectures and recitations on the non-metallic elements and their compounds. In connection with these subjects the elements of Theoretical Chemistry are taught, and the students are given practice in the solution of a variety of chemical problems.

In the laboratory the students receive instruction in chemical manipulation and perform a series of experiments designed to illustrate the properties of the more important elements and the laws of chemical action.

In qualitative analysis instruction is given by lectures, and each exercise includes two hours' work in the laboratory. The methods employed are mainly inductive and are designed to develop the observing powers and to awaken the spirit of investigation.

In quantitative analysis the work is entirely in the laboratory. The instruction aims to make the students familiar with the best methods of determining all the principal elements and also the most important type-processes both of gravimetric and volumetric analysis.

PHYSICS.

Physics is required of the Sophomores, three hours a week during the winter term, and two hours a week during the spring term. The book for class use during these two terms is Wentworth and Hill's Text-Book of Physics, published by Ginn & Co.

The work of these two terms constitutes a course. No section of the subject is studied exhaustively, but all sections receive some attention. As this is the introductory work in Physics, the aim is to make it a broad, descriptive, qualitative course.

Elective Physics is pursued during the fall and winter terms of the Junior year, and an additional term will be added to the course as soon as practicable. The class book for the fall term is Chute's Physical Laboratory Manual, published by D. C. Heath & Co.; for the winter term, Sabine's Laboratory Course in Physics, Ginn & Co.

The work consists of four hours per week of recitations and lectures, and three hours per week of laboratory work. The aim is to secure the ends both of general education and teaching as far as practicable. Both quantitative and qualitative laboratory exercises are given, and the proportion of each varies to meet the requirements of the student. Special exercises will be given to students of suitable tastes and attainments, and special opportunities are afforded for the study of the construction and use of apparatus.

GEOLOGY.

The work of this course covers two terms, coming two hours per week in the spring term of the Junior year, and three hours per week in the fall term of the Senior year. The text-books for the course are Crosby's Common Minerals and Rocks, published by D. C. Heath & Co., and LeConte's Elements of Geology (edition of 1897), D. Appleton & Co.

The course is an introduction to the whole field of geology, and all departments of the subject are studied as thoroughly as the time will permit.

The laboratory work of the course includes a detailed objective study of twenty minerals and thirty rocks, an examination of a few representative fossils from each geological age, a few simple experiments, and a study of six physiographic regions of the United States by means of the topographic maps and other helps issued by the United States Geological Survey.

While the sub-division of Lithology is under consideration the museum of Mineralogy and Geology is thrown open for class use, and students are encouraged to familiarize themselves with more than the required number of minerals and rocks.

The division of Historical Geology is studied with special reference to the Doctrine of Evolution, and the modern views of that subject are explained and illustrated.

A short thesis and six field excursions are required of each member of the class. The thesis will be due on some date near the end of the fall term.

Students electing Geology should arrange their other work so they may spend at least two hours per week in laboratory work.

ASTRONOMY.

The course in Astronomy is elective, and begins in the spring term of the Junior year and continues through the fall term of the Senior year, occupying three periods a week during the spring term and two periods a week during the fall term. The text-book for class use is Todd's New Astronomy, published by the American Book Company.

In the laboratory work, students will have an opportunity to use a variety of instruments and pieces of apparatus, including:

quadrant, sextant, altazimuth, gnomon, box transit, telescope, and spectroscope.

Students electing the course should arrange their programme so as to spend at least one hour a week in laboratory work, in addition to the regular hours for recitations and lectures.

A short thesis on some topic of the science will be required of each student, and this will be due about the middle of the fall term.

BIOLOGY.

BOTANY.

Sophomores are required to pursue this subject during the winter and spring terms. The work running through these two terms constitutes a continuous course, and occupies two periods per week during the winter term, and three periods per week during the spring term. The text-books for the course are Bergen's Elements of Botany (Ginn & Co.) and Gray's Lessons and Manual (Revised). Each student is required to collect, mount, and name twenty-five specimens.

The aim in this subject is not *merely* to acquire facility in identifying species by the use of a manual, although work leading to this end forms a part, and an important part, of the course. The center of interest is Plant Life. We wish the student (1) to understand the end sought by the plant and its different parts, and (2) how the various parts operate to secure the end in view. Therefore, considerable stress is laid upon adaptation to Use and to Environment. This involves the consideration of a variety of topics similar to the following: Are the Cotyledons of the Pea of any Use to the Seedling; Adaptation of the Root to its Work; Leaf Exposure to Sun and Air; Plants Adapted to a Dry Climate; Distribution of Seeds; Devices for Securing Cross-Fertilization; The Origin of Floral Organs; Survival of the Fittest.

It is not deemed sufficient simply to study the text-book. Students are required to perform about fifteen laboratory exercises, in which they dissect, examine, and draw the real object under consideration. Some use is made of the microscope in studying minute structure, and in acquiring a notion of the lowest orders of plants.

The method of instruction combines study of the text, recitations, laboratory work, field work, and lectures.

ZOÖLOGY.

Study in this department begins in the Fall term of the Senior year and continues through two terms. Instruction is given by lectures and recitations, with laboratory work. Typical examples illustrating the various groups of the animal kingdom are examined and dissected by the class. Some attention is given to the systematic classification of species, but the subject is presented mainly in its biological relations, with the object of enabling the student to get as much knowledge as possible of the origin and development of animal forms, their structure and mutual relations, and the general principles which underlie and govern all animal life.

ORNITHOLOGY.

Considerable attention is given to the study of Ornithology, apart from that of general zoölogy. In the Fall term twelve lectures are given to the Freshman Class on the characteristics of birds—peculiarities of physical structure, flight, utility, song, beauty, intelligence, and migration ; on the fossil, sub-fossil, and extinct birds, and on classification. The last lecture of the term is devoted to the winter birds of Maine. This lecture is preparatory to the work to be done by the class during the winter. Prizes are given to the members of the class that report the longest lists of birds observed and carefully identified between the first of December and the middle of March. Two prizes are also given to the class for the best winter sketches of not more than two thousand words each. In the twelve lectures given in the spring all the species of the inland birds of Maine are described and the mounted specimens are shown to the class. Four times a week, from the last of March to the middle of June, the members of the Freshman Class make early morning excursions of one hour and a half to the fields and woods in search of the birds. Particular attention is directed to the songs and notes of the birds. From 75 to 130 different species are recognized in one year by the careful observers.

HISTORY AND POLITICAL SCIENCE.

Instruction in History begins with the Fall term of the Sophomore year, and is continued in the Junior and Senior years.

The aim of the earlier courses is to give the student a clear outline of historical facts in their chronological sequence and relations, to introduce him to the most valuable books, to develop the historic imagination, and to stimulate a taste for independent research.

In the subsequent courses emphasis is placed upon the political and constitutional aspects of history, with special reference to the development of popular institutions in England and America; effort is made to cultivate a discriminating and critical judgment of men and events; students are trained in the best methods of historical investigation, and required to do original work.

The instruction is carried on by means of recitations, references to the library, collateral readings, abstracts and reports, frequent examinations, informal lectures, and papers and discussions upon topics assigned. Each student should own an inexpensive historical atlas and some good compendium of general history, in addition to one or more manuals bearing directly upon the period under investigation.

1. The work opens with a brief *résumé* of Ancient History prior to the Teutonic migrations. This is followed by a more detailed study of Mediæval Times (375–1453); Germanic Institutions; Charlemagne; the Mohammedans in Europe; the Papacy and the Civil Power; Monasticism; Feudalism; the Saxons and Normans in Britain; the Crusades; England and France.

2. A study of the Modern Era (1453–1789), including the Renaissance in Italy, Germany, France, and England; the Discovery of America; the Protestant Reformation; the Struggle for Constitutional Liberty; the French Monarchy; France and England in the New World; and the American Revolution.

3. The French Revolution and the Nineteenth Century. A study of the causes and consequences of the Revolution in France; the Napoleonic Era; the Rise of Prussia and Russia; the Growth of Democracy and Liberty; and the Unification of Italy and Germany.

4. The Political and Constitutional History of England. A study of the Origin and Growth of the English Constitution; Early Charters; Parliamentary Government.

5. The Political and Constitutional History of America. A study of Local Government in the Colonies; Colonial Char-

ters; Political Parties; the Constitution; State and Municipal Institutions.

ECONOMICS AND SOCIOLOGY.

The work in Economics and Sociology begins with the Spring term of the Junior year, and is continued in the Senior year.

The methods of instruction are similar to those pursued in the more advanced work in history. Students are trained to scientific habits of thought upon economic, industrial, and social phenomena, and are encouraged to independent thinking.

1. The Elements of Economic Science. This is an outline course in the Principles of Economics. The work of the text-book is supplemented by readings and discussions. Required of Juniors.

2. Advanced Economics. A brief historical view of economic thought; a comparative and critical study of leading economists; Money, Banking, Taxation, the Tariff, and the Labor Problem. (Elective for those who have taken Course 1.)

3. Social Science. A study of the principles of Sociology, together with living social problems; the Family; Immigration; Pauperism; Charities; Crime; Socialism.

ELOCUTION.

FRESHMAN YEAR.—SPRING TERM.

Development and training of the imaginative instinct. Simple attention and admiration of nature. Spontaneity; Freedom; Vocal Painting.

Vocal Training. Correct method of breathing. Openness of tone passage. Preparatory action for speech. Ease, freedom, and openness in tone production. Class work two hours a week.

Prize Declamations, in which every member of the class is prepared by special instruction and drill.

SOPHOMORE YEAR.—FALL TERM.

Development of logical instinct. Emphasis; Inflection; Touch; Subordination. Sequence of ideas.

Vocal Training, to secure control of breath and elasticity of tone.

Prize Declamations, in which every member of the class is prepared by special instruction and drill.

JUNIOR YEAR.—SUMMER TERM.

Study of conversation, narration, description, and soliloquy, to develop naturalness in speech form.

Vocal Training, continued to develop agility and ease. Class work two hours a week.

SENIOR YEAR.—SUMMER TERM.

Sympathetic instinct; Transition; Contrast; Rhythm; Pause; Attack. Effect of Emotion in Tone; Tone Color; Purpose.

Vocal training continued. Class work two hours a week.

Synopsis of the Course of Study.

Figures after each subject indicate number of exercises a week. Electives are italicized.

FRESHMAN YEAR.

FALL TERM.

Mathematics—Algebra completed, 5 . . . Wells.
Greek—Lysias, 4.
Latin—Livy, 4.
Christian Ethics, 1.
English—Composition, 2.
Ornithology—Lectures, 1.

SPRING TERM.

Mathematics—Solid and Spherical Geometry, with original propositions, 5 . . . . Phillips and Fisher.
Greek—Sophocles, 4.
Latin—Cicero, 3.
French—Grammar, Composition, and Reader, 3.
English—Composition, 1.
Elocution—Prize Declamations, with class and individual drill, 1.

SUMMER TERM.

Mathematics—Plane and Spherical Trigonometry, with Richards's Manual and Sphere. *Surveying*, 5 Wells.
Greek—Demosthenes, 3.
Latin—Horace, 4.
French—Grammar, Composition, and Reader, 3.
English—Composition, 1.
Ornithology—Lectures, 1.

SOPHOMORE YEAR.

FALL TERM.

Mathematics—Analytical Geometry, 5. . . . Hardy.
French—Grammar, Modern French, 3.

English—Rhetoric, 3.
German—Thomas's Grammar, Bernhadt's Sprach-und Lescbuch, 3.
Latin—Tacitus, 3.
History—Mediæval, 3.
Elocution—Prize Declamations, with class and individual drill, 1.

SPRING TERM.

Mathematics—Analytical Geometry completed, 5. . Hardy.
Calculus begun, 5. . . . . Taylor.
German—Grammar, Hewett's German Reader, Stein's German Exercises, 3.
Greek—Plato, 3.
Physics, 3.
Botany, 2.
History—Modern, 3.
English—Study of Selected Poems, 3.
Two themes. Prize debates, participated in by all the members of the class arranged in divisions.

SUMMER TERM.

French—Seventeenth Century Literature, 3.
Mathematics—Calculus completed, 5 . . . Taylor
German—Wenckebach's Deutscher Anschauungs—Unterricht.
Freytag's Die Journalisten, Hillern's Höher als die Kirche.
Bernhardt's German Composition, 3.
Latin—Tacitus, 3.
History—English, 4.
Botany, 3.
Physics, 2.
Greek—Pindar, 3.
English—Advanced Composition, 3. Champion Prize Debate, participated in by eight members of the class.
Prize Essay, all members of the class competing except the eight debaters.

JUNIOR YEAR.

FALL TERM.

Chemistry—Non-Metallic Elements, 3.
German, 3.
French—Seventeenth Century Literature, 3.
Physics—Recitations—Lectures, and Laboratory work, 4.
History—American, Colonial, or Constitutional, alternate years. Constitutional in 1900, 4.
English—History of English Literature. The Drama, 5.

SPRING TERM.

Chemistry—General and Theoretical, 3.
Physics—Recitations, Lectures, and Laboratory Work, 4.
German, 3.
Elements of Economic Science, 5.
French—Nineteenth Century Poetry, 3.
Latin—Lucretius, 3.
English—Literature of the 17th and 18th Centuries. Six Lectures upon Literary Criticism, 4.

SUMMER TERM.

Psychology, 2.
French—Nineteenth Century Prose, 2.
German, 3.
Chemistry—Qualitative Analysis, 4.
Astronomy, 3.
Geology, 2.
Advanced Economics, 3.
English—Literature of the 19th Century. Original Prize Declamations for Junior Exhibition, 4.
Elocution—Class and individual drill, 1.

SENIOR YEAR.

FALL TERM.

Psychology (with lectures), 3.
Geology, 3.
Astronomy, 2.
Chemistry—Mineral and Organic Analysis, 3.

English—Literature of the Nineteenth Century.
Lectures on Literary Criticism, 4.
One Essay, Criticism of some standard work of fiction.
History—American Colonial or Constitutional alternate years.
Constitutional in 1900, 4.
German, 2.
French, 3.
Zoölogy, 2.

SPRING TERM.

Logic, 5.
Chemistry—Quantitative Analysis, 3.
Zoölogy, 3.
English—Critical Study of Chaucer, Skeat's edition.
History of the English Language, 4.
Senior Exhibition Parts.
Principles of Sociology, 3.
German, 3.
French, 2.

SUMMER TERM.

Ethics, 5.
Chemistry—Quantitative Analysis, 3.
Sociology, 3.
English—Literature of 19th Century, 4. Graduation Parts.
German, 2.
French, 3.
Elocution—Class and individual drill, 1.

After the first year students elect subjects enough to make not less than 15 exercises per week (not including elocution) and not more than 18.

LABORATORIES.

CHEMICAL.

The building of the chemical department is called the Hedge Laboratory, in honor of the late Isaiah H. Hedge, M.D., of Waukon, Iowa, who generously furnished the means for its erection. It is a two-story brick building, finely located, and of attractive modern style. On the first floor are the chemical lecture-room, with rooms adjoining for chemicals and apparatus, and a large room which is soon to be fitted up for advanced work in quantitative analysis. The room for the laboratory work of the class occupies the most of the second floor. It is well lighted, thoroughly ventilated, and conveniently fitted with sinks, hoods, and tables sufficient to accommodate fifty-eight students. A new table, accommodating ten students, was put in during the last summer vacation. Adjoining this room are the weighing and apparatus rooms and the private laboratory of the professor.

The arrangement and appliances of the whole building are in accordance with the most approved plans of modern laboratories. The heating apparatus has just been changed and the building is now thoroughly heated by steam.

PHYSICAL.

During the summer of 1899 the Physical Department was moved from Hathorn Hall to Science Hall—a large, commodious building formerly occupied by the Latin School. The department comprises a well-arranged lecture room, a large and well-appointed general laboratory, an apparatus room, a dynamo room and workshop, and a dark room. These are conveniently arranged and well furnished for their purposes. The collection of apparatus for lecture purposes and for student laboratory work is rapidly growing.

CABINETS.

BOTANICAL.

The nucleus of the Herbarium was gathered many years ago by an enthusiastic botanist, the late Dr. Aaron Young. It contained a representative collection of New England—especially of Maine plants, a part of which was gathered during the State

Geological Survey, conducted by the late Dr. Charles T. Jackson. The plants chiefly used now, however, in the identifying of species, are those that have been pressed and mounted in the laboratory and the herbarium of the late President Chadbourne of Williams College, Mass., which was purchased by the College.

Of this Dr. O. R. Willis, a distinguished botanist of New York, has said: "It is one of the best working Herbariums I have ever examined." Besides its collection of New England plants, including the grasses, sedges, ferns, etc.,—in all about two thousand specimens, it has several groups of ferns from other countries, also pretty full collections of mosses and lichens, named by the highest authorities, and more than a thousand fungi. There are collections of the plants of New Jersey, Tennessee, and Florida, also from several foreign countries, illustrating the identity of many families in Europe and America. There are also collections from Greenland, Labrador, and the tropics, and mountain flora from the Rocky Mountains, the White Mountains, and the Alps. There are also some fifteen hundred duplicates. These are in cabinets of the most approved construction.

MINERALOGICAL.

The cabinet of minerals, shells, and fossils occupies a large room on the second floor of Science Hall. The collection is conveniently arranged and is steadily growing. No attempt is made to secure showy shelf specimens of great cash value. Educational value is the only thing considered. All the common minerals, and many of those of rare occurrence, are fully represented by typical specimens. It is intended to make the collection of local minerals as complete as possible. Among the shells and fossils are many choice specimens.

ORNITHOLOGICAL.

The ornithological collection contains mounted specimens of nearly all the New England birds, besides many from other parts of the United States and from foreign countries. In all there are about a thousand specimens.

LIBRARIES.

The number of volumes in the different libraries is as follows:

College Library (exclusive of pamphlets),	17,569
Divinity School Library,	3,750
Eurosophian Society Library,	609
Total,	21,928

The College Library has been selected with special reference to the needs of the several departments. It is composed mainly of modern publications, and contains many important works of reference. It is increased each year by a regular appropriation. It is open six hours a day for consultation and the delivery of books.

UNIVERSITY EXTENSION.

Members of the Faculty are prepared to give lectures upon subjects in Science, Literature, Philosophy, History, Economics, Sociology, and Pedagogy. Particulars can be learned by correspondence with the President, or the secretary of the Faculty.

PHYSICAL CULTURE.

The medical advisers give each student a thorough physical examination during the first term of attendance at college. From the measurements and strength tests taken, a chart is made out for each student, showing his size, strength, and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. A hand-book containing the exercises prescribed for the correction of any physical defects shown by his chart, and giving specific directions in regard to diet and bathing, is furnished each student.

When any student is found defective in vision, he receives from one of the college oculists the specific treatment that his case may require.

During the latter part of the fall and all of the winter term each class is required to exercise in the Gymnasium, under the supervision of the Director, for one hour on four days of every week. A graded course of class exercises has been arranged. The Freshmen have developing exercises, military drill, and Indian-club swinging; the Sophomores, boxing, wrestling, and dumb-bell drill; the Juniors, fencing with single sticks and broadswords.

Gymnasium work for the Seniors is optional. For the exercises with chest-weights, bar, rings, etc., each class is divided into divisions, and the work is carefully graded to suit the strength of each division.

The young ladies' work consists of fancy steps, Swedish movements, wand, Indian-club, and dumb-bell exercises; also special work on developing appliances. Basket-ball, bowling, etc., are played two or three times a week.

The Gymnasium is steam heated and equipped with the apparatus necessary for the thorough and systematic training and development of the human body. This apparatus is new and of the most approved modern pattern. In the basement of the Gymnasium are convenient bath-rooms, provided with lockers, hot and cold water, dip baths, shower baths, etc.

Eight fine tennis courts offer abundant opportunity for this healthful game.

ATHLETIC FIELD.

Last spring the new Garcelon Athletic Field was completed and is considered one of the best in New England. The field, surrounded by a fence, is seven acres in extent and constructed at an expense of over $6,000. It contains a quarter-mile track, two hundred and twenty yard straight-away, take-offs for the jumps and pole vault, foot-ball field, base-ball diamond, and three excellent tennis courts.

RELIGIOUS EXERCISES.

At the close of each morning recitation all the students, with the Faculty, assemble in the chapel for prayer, reading of scripture, and singing. The Students' Christian Associations—Young Men's and Young Women's—hold a union meeting every Wednesday evening, in the Association room, from 6.30 to 7.15 o'clock. The Y. M. C. A. also hold a meeting Sunday mornings from 9.30 to 10 o'clock. Voluntary classes for Bible study are carried on through the year. The prayer-meetings of the Y. W. C. A. are on Mondays from 6.30 to 7.15 P.M.

The methods employed are successful in making the meetings varied, attractive, earnest, and spiritual. One meeting each month is devoted to some phase of missionary work.

In addition to these, weekly class prayer-meetings are held and are usually well attended.

The last Thursday in January is observed as "The Day of Prayer for Colleges," and is set apart entirely for meetings with a religious purpose. A sermon, to which the public is invited, is preached in the chapel at 2.30 P.M. It is hoped that Christian friends of the College generally will remember this day.

READING-ROOM.

The College has a Reading-Room, independent of the Library, supplied with a large number of the best daily and weekly newspapers, monthlies, and quarterlies. It is kept open during the whole day.

COLLEGE MAGAZINE.

The *Bates Student* is published monthly under the direction of the Editors and Managers selected from the Junior Class. The first number was issued January, 1873.

LITERARY SOCIETIES.

The College has no secret societies. It is doubtless owing largely to this fact that all the students unite with an earnest and wholesome interest in the support of the three literary societies, the EUROSOPHIAN, POLYMNIAN, and PIÆRIAN. The last is a new society, organized in the spring term of 1897. Much systematic work is devoted to preparation for the weekly meetings, which are held on Friday evenings, and are occasions not merely of social pleasure, but of most useful drill.

The programmes contain assignments that encourage musical culture, literary criticism, and essay writing.

The meetings afford thorough discipline in debate and in the proper conducting of deliberative assemblies, together with a stimulus to excellence in these attainments that to many is an educating force rarely found in colleges, and hardly second in utility to any department of the curriculum.

YEARLY EXPENSES.

Tuition,	$50.00		$50.00
*Room Rent,	9.00	to	18.00
Board (37 weeks, from $2.00 to $3.00 per week),	74.00	to	111.00
Fuel, lights, washing, books, etc.,	30.00	to	35.00
Use of Library,	3.00		3.00
Incidentals and Repairs,	8.00		10.00
Catalogues,	1.00		1.00
Instruction in Gymnasium,	3.00		3.00
Total,	$178.00		$231.00

Students taking Laboratory courses in Chemistry and Physics are charged an extra fee of five dollars each term.

The Freshmen pay a fee of one dollar for their medical examination, chart, and hand-book.

Board in private families (washing, wood, etc., included), $4.00 to $5.00 per week. Students are advised in regard to selecting their rooms and boarding places, and after the selection is made are not expected to change without consulting the Committee on Attendance.

College bills for the Fall Term must be paid by October 15th, and for the Spring Term by March 1st. Students unable to pay their bills on or before the above dates are required promptly to present to the Faculty in writing their reasons why further time is necessary. Bills for the Summer Term must be paid by May 16th. Requests for an extension of time beyond this date must be made in writing to the College Treasurer.

RANK BILLS.

These are sent to the parent or guardian of each student at the close of every term.

DEGREES.

The Degree of Bachelor of Arts is conferred on all students who complete satisfactorily the full course of study.

The Degree of Master of Arts is conferred on graduates of the

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*In Parker Hall suites of rooms, accommodating two or more students, and heated by steam, cost from $30 to $60 a year.

College of at least three years' standing who have completed one year's graduate non-professional study or its equivalent. Either two or three subjects may be selected, with the advice and under the direction of the heads of the College departments. Evidence of proficiency is to be given by examination and thesis. Theses must be presented and fee paid as early as June 1st, and final examinations must be passed not later than ten days before the annual Commencement. The fee is $10.00. Modifications of the foregoing conditions may be granted resident graduates.

BUILDINGS.

The College has seven buildings—Hathorn Hall, Parker Hall, Hedge Laboratory, Science Hall, Roger Williams Hall, Gymnasium, and President's House.

It is expected that work upon a Library building will be begun in the spring of 1900, as of the $40,000 required to ensure its erection only $4,000 remain to be raised.

EXAMINATIONS.

All the classes are subjected to written examinations at the close of each term.

NEEDS.

Funds are needed for increased endowment, for Professorships, Scholarships, and the Library, and for the erection of a Hall for the young ladies of the College.

The following are some of the grounds on which the College solicits aid:

1. To a large number of young men and young women it offers their sole reasonable hope for obtaining a liberal education.

2. It is recruiting the ranks of educators, East, South, and West, with a body of scholars and teachers of signal ability and influence.

3. No college in the country has been more successful in securing character as well as scholarship.

4. The work of the College has no taint of sectarianism.

5. The location of the College seems the best possible for its usefulness. It can gather young men and young women of small means but of great promise, and can give them the New England

culture of heart and mind to be used for the good of our entire country.

6. It took up the cause of higher education for women when it was unpopular.

7. Nowhere in our country is there a more vital connection between every dollar to educational work and the forces that are shaping our Christian civilization.

The College is in sore need of a larger endowment. $25,000 will endow a professorship. It is painfully embarrassed by the small number of its scholarships. $1,000 will endow a perpetual scholarship.

It is in pressing need of a Library building and fund.

FORM OF A BEQUEST.

"I give and bequeath to the President and Trustees of Bates College, a corporation existing in Lewiston, Maine, the sum of————dollars, in trust, the principal of said sum to be safely invested by them, and the income thereof appropriated under their direction for the purposes of the College."

SCHOLARSHIPS.

State Scholarships.

There are ten State Scholarships (giving tuition to ten students) in the hands of the Governor; and in bestowing them preference is given to the children of those who have borne arms in defense of their country, and always to students who are needy and meritorious.

Each of the following scholarships has been endowed by a donation of one thousand dollars, and it gives free tuition to the student elected to hold the scholarship:

Redington Scholarship—For a Lady Student.

Endowed by the late Hon. Asa Redington, LL.D., of Lewiston. This is supposed to be the first instance of such an appropriation in any of the colleges.

Dudley Scholarship.

Endowed by Alvin D. Dudley, Esq., of Haverhill, Mass.

Cheney Scholarship—For a Student from New Hampshire.

Endowed by Hon. Person C. Cheney, A.M., of Manchester, New Hampshire.

Woodman Scholarship.

Endowed by the Paige Street Free Baptist Church, Lowell, Mass., in memory of Rev. Jonathan Woodman, late pastor of the church.

Symonds Scholarship.

Endowed by the Plymouth Free Baptist Church, Portland, in memory of Joseph Symonds, Esq., deacon of the church.

Clements Scholarship.

Endowed by the late Rev. Tisdale D. Clements of Lewiston.

Bridge Scholarship.

Endowed by Charles Bridge, Esq., of Gardiner.

Lewis Scholarship.

Endowed by the late Chace Lewis, Esq., of Providence, R. I.

Class Scholarship.

Endowed by the Class of 1877.

Bartlett Scholarship.

Endowed by the Main Street Free Baptist Church, Lewiston, in memory of Rev. Flavel Bartlett.

Bowen Scholarship.

Endowed by Mrs. Hannah Bowen, in memory of Nathaniel Bowen, Esq., of Providence, R. I.

Cobb Scholarship.

Endowed by the late Hon. C. C. Cobb of Lewiston, in memory of his son, Rev. Frank Woodbury Cobb, A.M., Class of 1873.

Houghton Scholarship.

Endowed by the late Rev. Alphonso L. Houghton, A.M., of Lawrence, Mass., Class of 1870.

Randall Scholarship.

Endowed by Mrs. Abby Randall, in memory of Isaac Randall, Esq., of Johnston, R. I.

Williamson Scholarship.

Endowed by Elias W. Williamson, Esq., Potter's Landing, Md., in memory of his father, Rev. Stephen Williamson of Stark.

Eaton Scholarship.

Endowed by Mrs. Oliver H. Durrell of Cambridge, Mass., in memory of her father, Rev. Ebenezer G. Eaton of Lewiston.

Baldwin Scholarship.

Endowed by the late B. C. Baldwin, Esq., of Lowell, Mass., in memory of his wife.

Bonney Scholarship.

Endowed by Mrs. Harriet Cheney Bonney and Sherman G. Bonney, M.D., in memory of Calvin F. Bonney, M.D., of Manchester, N. H.

Frye Scholarship.

Endowed by Hon. William P. Frye, LL.D., of Lewiston.

Nutting Scholarship.

Endowed by the late Lyman Nutting, Esq., of Lebanon, Pa., in memory of his sister, Mrs. Charlotte Nutting Chadbourne.

Ellis Scholarship.

Endowed by Miss M. A. Wales of Boston, Mass., in memory of her pastor, Rev. Rufus Ellis, D.D.

Talpey Scholarship.

Endowed by Hon. Charles W. Talpey of Farmington, N. H.

Thissell Scholarship.

Endowed by Mrs. Abby T. Deering of Portland, in memory of Hon. John Thissell of Corinth.

Ward Scholarship.

Endowed by Mrs. Mary E. Ward, in memory of her husband, Warren Ward, Esq., of Auburn.

Bean Scholarship.

Endowed by Cyrus E. Bean, Esq., of Portland, in memory of his father, Cotton Bean, Esq., of Limerick.

Small Scholarship.

Endowed by James T. Small, Esq., of Lewiston, in memory of his son, Everett J. Small, Class of 1889.

Dyer Scholarship.

Endowed, for the benefit of some student preparing for the Christian ministry, by Mrs. Irene M. Higgins, in memory of her parents, Mr. and Mrs. Jonah Dyer of Cape Elizabeth.

Cushman Scholarship.

Endowed by Ara Cushman, Esq., of Auburn.

Page Scholarship.

Endowed by Peter Page, Esq., of New York City.

Ramsey Scholarship.

Endowed by Mrs. V. G. Ramsey of North Berwick, in memory of her husband, Rev. G. P. Ramsey.

Mathews Scholarship.

Endowed by John M. Mathews, Esq., of Burlington, Vt., in memory of his daughter, Orissa Frances Mathews.

Perkins Scholarship.

Endowed by Mrs. Moses W. Shapleigh of Ashland, N. H., in memory of her father, Rev. Thomas Perkins.

Woodbury Scholarship.

Endowed by friends of the late Charles Woodbury of Boston, for the benefit of some Methodist student.

Harmon Scholarship.

Endowed by the late Ivory W. Harmon of Newton Centre, Mass., in memory of his son, Wallace Ivory Harmon.

Mary L. Stone Scholarship.

Endowed by James S. Stone of Boston, Mass., in memory of his wife.

Jordan Scholarship.

Endowed by Merrill Page and Emily Deering Jordan, in honor of Rev. Zachariah and Sabrina Page Jordan.

Clapp Scholarship.

Endowed by Lucius Clapp, Esq., of Randolph, Mass.

Weber Scholarships.

The Trustees, under the will of the late Frederick E. Weber of Boston, Mass., have given five thousand dollars for the maintenance of Weber Scholarships, for the benefit of needy and deserving students at Bates College. It is a condition of the gift that one-half of the income shall be added to the principal year by year; and that the remaining half only shall be used for the support of the said scholarships.

Haines Scholarship.

The Lovina Haines Scholarship, endowed by Edwin B. Haskell.

Waldron Fund.

Given by Rev. William H. Waldron of Farmington, N. H., the interest to pay the tuition of students studying for the Christian ministry.

Bradstreet Fund.

Mr. William W. Bradstreet of Gardiner, Me., has just established a Trust Fund of $2,000, the income of which is to be used for the benefit of deserving students, under the direction of the President of the College, and in accordance with certain conditions specified in the trust.

Student Fund.

Students contemplating the Christian ministry receive assistance every year of the course.

PRIZES.

Prizes will be awarded as follows:

First—For General Scholarship.

To the Junior Class—Two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

To the Sophomore Class—Two prizes of EIGHT DOLLARS each, one to a young man and one to a young woman.

To the Freshman Class—Two prizes of SIX DOLLARS each, one to a young man and one to a young woman.

Second—For Excellence in Declamation.

In the Fall Term—To the Freshman Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the Spring Term—To the Sophomore Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the Summer Term—To the Junior Class, a prize of TWENTY DOLLARS, for excellence in original declamation. Also for several years a special prize of SEVENTY-FIVE DOLLARS has been given for original declamation.

Third—For Excellence in English Composition.

In the Summer Term—To the Sophomore Class, a prize of TEN DOLLARS.

Fourth—For Excellence in Public Debate.

Fall Term—To each division of the Sophomore Class, a prize of TEN DOLLARS.

Summer Term—The Champion Debate—A prize of TWENTY DOLLARS. Eight are elected from the Sophomore Class to participate in it.

Hon. F. M. Drew gives annually two prizes of TWENTY-FIVE DOLLARS each for excellence in team debate.

For the past year prizes have been awarded as follows:

For General Scholarship—To Allison G. Catheron, Grace A. Tarbox, Harry L. Moore, Josephine B. Neal, Clarence E. Park, Bessie D. Chase.

For Public Declamation—1898, to Samuel E. Sawyer, Edith M. Miller; 1899, to Leo C. Demack, Bertha L. Irving.

For English Composition—1899, to Fred H. Stinchfield.

For Original Declamation—1899, to Allison G. Catheron, Bertha O. True.

For Public Debate—1898, to Willard K. Bachelder, Frank Halliday, Harry L. Moore, Josephine B. Neal, Vernie E. Rand, Joseph E. Wilson.

For Champion Debate—1899, to Vernie E. Rand, Leo C. Demack.

STUDENTS.

SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Avery, Jane Eliza,	*Lewiston.*	95 Wood Street.
Ayer, Frank Percy,	*Cornish.*	36 P. H.
Baldwin, Lizzie Maud,	*Nashua, N. H.*	17 Frye Street.
Beal, Agnes Emilla,	*Lewiston.*	21 High Street.
Berry, Clara E.,	*West Paris.*	239 College Street.
Butterfield, Welbee,	*Dover, N. H.*	4 R. W. H.
Call, Ernest Victor,	*Pittsfield.*	34 P. H.
Catheron, Allison Graham,	*Manchester, Mass.*	29 P. H.
Chase, Edward Percival,	*Upper Gloucester.*	45 P. H.
Clason, Silas Oliver,	*Lisbon Falls.*	45 P. H.
Coffin, Carl Sargent,	*Thorndike.*	13 P. H.
Dennison, Charles Page,	*West Paris.*	11 P. H.

Dresser, Rena Agnes,	*Lewiston.*	40 Whipple Street.
Dunham, Harry Elmer,	*Reed's Mills.*	133 College Street.
Elder, Perley Calvin,	*Lewiston.*	158 Holland Street.
Eldridge, William Francis,	*New Bedford, Mass.*	24 Frye Street.
Emrich, Richard Stanley Merrill,	*South Framingham, Mass.*	18 P. H.
Fairbanks, Emily Leone,	*Lewiston.*	10 Hammond Street.
Ford, Mary Belle,	*Kingston, Mass.*	13 Skinner Street.
Foster, Charles Levi,	*Lewiston.*	111 Blake Street.
Garlough, Francis Earl,	*Hillsdale, Mich.*	30 P. H.
Getchell, Floe Louise,	*Lewiston.*	314 Main Street.
Glidden, Louis Gilman,	*Liberty.*	11 P. H.
Griffin, George Llewellyn,	*Canterbury, N. H.*	18 P. H.
Healey, Guy Ernest,	*Madison.*	35 P. H.
Hussey, Carlyle Perry,	*Guilford.*	247 College Street.
Jackson, Nelson A.,	*Pike, N. Y.*	30 P. H.
Johnson, George Herbert,	*Farmington, N. H.*	2 R. W. H.
Jones, Albert Mark,	*Brooks.*	13 P. H.
Joyce, Alice Hester,	*Lewiston.*	48 Birch Street.

Lowe, Arthur Wedgwood,	*Lewiston.*	54 Pierce Street.
Lowell, Florence Winchester,	*Auburn.*	84 Goff Street, Auburn.
Ludwig, Mabelle Alice,	*Camden.*	226 Oak Street.
Manter, George Edward,	*Lake Shore.*	21 R. W. H.
Marr, Mabel Emery,	*Yarmouth.*	239 College Street.
McCann, Josiah Small,	*Mechanic Falls.*	
Miller, Ella May,	*Wichita, Kansas.*	16 Frye Street.
Miller, Frank Henry,	*Camden.*	9 P. H.
Mitchell, Maude Frost,	*Littleton Common, Mass.*	262 College Street.
Morse, Ralph Isaiah,	*Liberty.*	15 P. H.
Packard, Bertram Everett,	*South Litchfield.*	15 P. H.
Parker, Edith Stone,	*Greene.*	139 College Street.
Perkins, Grace,	*Farmington, N. H.*	75 Elm Street.
Powell, Lester Lovett,	*Danforth.*	211 Cottage Street.
Proctor, Harriet Davis,	*Northborough, Mass.*	139 College Street.
Purinton, Royce Davis,	*West Bowdoin.*	7 P. H.
Reud, W. Robert,	*St. John, N. B.*	19 R. W. H.
Rich, Alpheus William,	*Charleston.*	36 P. H.

Richardson, Dennett Leroy,	*Oldtown,*	35 P. H.
Robbins, William Alvin,	*Cheboque Point, Yarmouth, N. S.*	2 R. W. H.
Sears, Blanche Burdin,	*Lewiston.*	87 Wood Street.
Skillings, Hattie,	*Lewiston.*	Thorne's Corner.
Small, Pearl McAllister,	*Auburn.*	27 Spring Street, Auburn.
Staples, Leroy Gilbert,	*North Berwick.*	4 R. W. H.
Stinchfield, Fred Harold,	*Danforth.*	39 P. H.
Sturgis, Milton Gorham,	*Lewiston.*	113 Wood Street.
Summerbell, Ferris,	*Lewiston.*	39 P. H.
Summerbell, Grace,	*Lewiston.*	431 Main Street.
Tarbox, Grace Adrianna,	*Lewiston.*	370 College Street.
Thompson, Florence Ethel,	*Lewiston.*	12 Webster Street.
Trask, Clara Maria,	*Peabody, Mass.*	262 College Street.
True, Bertha Ophelia,	*New Gloucester.*	139 College Street.
Wagg, Howard G.,	*South Lewiston.*	H. H.
White, Helen,	*Wiscasset.*	262 College Street.
Whitman, Emerson,	*Lewiston.*	8 Vale Street.
Willis, Urban George,	*Pittsfield.*	34 P. H.
Wing, Artemas Ward,	*Phillips.*	31 L. S. H.

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JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
BACHELDER, WILLARD KEZER,	*East Winthrop.*	H. H.
BAILEY, ANNIE EUGENIA,	*Gray.*	227 College Street.
BENNETT, MAE SEELEY,	*Lubec.*	262 College Street.
BESSE, BERTHA AMANDA,	*Auburn.*	35 Academy Street, Auburn.
BLANCHARD, DELIA MAE,	*Abbot Village.*	227 College Street.
BRAGG, JESSIE SUMNER,	*St. Albans.*	161 Wood Street.
BRETT, BERTHA MABELLE,	*Auburn.*	137 Spring Street, Auburn.
CARTLAND, ALICE M.,	*Lewiston.*	195 Oak Street.
CHANNELL, RALPH WALTER,	*Lewiston.*	79 Webster Street.
CHICK, ARTHUR JESSE,	*Madrid.*	17 P. H.
CLARK, ARTHUR CHARLES,	*Berwick.*	170 Pine Street.
COLE, BESSIE ROBERTS,	*Guilford.*	247 College Street.
DAVIS, EBEN FRANK,	*Auburn.*	Auburn.
DEMACK, LEO CHARLES,	*Lewiston.*	94 Howe Street.

Dennett, Thomas Chase,	*Lewiston.*	259 Park Street.
Dennison, Martha Ella,	*West Paris.*	247 College Street.
Densmore, Willis Andy,	*Kennebunk.*	349 College Street.
Dow, Mittie Anna,	*East Newport.*	256 College Street.
Ellingwood, William Henry Swift,	*Mechanic Falls.*	10 Arch Avenue.
Estes, Nina Theresa,	*Lewiston.*	52 Howe Street.
Files, Ethel Grace,	*Lewiston.*	206 College Street.
Fisher, Anna Hortense,	*Lewiston.*	75 Elm Street.
Goddard, Annette May,	*Portland.*	139 College Street.
Goss, Ralph Warren,	*Lewiston.*	60 Wood Street.
Guptill, Herbert Samuel,	*Berwick.*	148 Nichols Street.
Hardy, Lawrence Parker,	*South Framingham, Mass.*	195 Holland Street.
Holmes, William King,	*South Paris.*	43 P. H.
Irving, Bertha Lorea,	*Auburn.*	90 Third Street, Auburn.
Jordan, Elwyn Knowlton,	*Lewiston.*	24 Frye Street.
Lambe, Mary B.,	*South Paris.*	247 College Street.
Landman, Nina Floretta,	*Townshend, Vt.*	33 Russell Street.
Lang, Ivan Earle,	*Bowdoinham.*	17 P. H.

Libbey, Gertrude Brown,	*Lewiston.*	128 Sabatis Street.
Longwell, Samuel E.,	*Big Flats, N. Y.*	32 Cottage Street.
Marr, William Middleton,	*Westerly, R. I.*	211 College Street.
Mills, Harriett Bagnall,	*Lewiston.*	115 Lisbon Street.
Moore, Harry Leroy,	*Northborough, Mass.*	42 P. H.
Moulton, Percy Daniel,	*Lewiston.*	99 College Street.
Neal, Josephine Bicknell,	*Lewiston.*	146 Oak Street.
Noyes, Blanche Belle,	*Lewiston.*	714 Main Street.
Osborne, Florence Eldora,	*Lewiston.*	167 Holland Street.
Parker, Ezra Steeves,	*Moncton, N. B.*	27 R. W. H.
Parker, Louise Lester,	*Auburn.*	255 Main Street, Auburn.
Pierce, Walter Blake,	*Lewiston.*	88 Wood Street.
Putnam, Harold Atherton,	*Lewiston.*	15 Skinner Street.
Rand, Vernie Elmer,	*Dexter.*	161 Wood Street.
Roberts, Richard Sewall Woodbury,	*Dover, N. H.*	R. W. H.
Roys, Lincoln,	*Lewiston.*	88 Russell Street.
Small, Flora Belle,	*West Bowdoin.*	33 Russell Street.
Small, Lucy Jane,	*Lisbon Falls.*	13 Skinner Street.

Smith, Harry Ira,	*Newport.*	14 P. H.
Stevens, Edward Synnott,	*Five Islands.*	24 R. W. H.
Stevens, Harold Elmer Ellsworth,	*Lewiston.*	374 Main Street.
Stuart, Herman Harry,	*South Paris.*	43 P. H.
Towle, Lena Belle,	*Lewiston.*	157 Holland Street.
Towne, Charlotte Gertrude,	*Auburn.*	358 Main Street, Auburn.
Trickey, Harold Albert Mariner,	*Charleston.*	10 Arch Avenue.
Varney, Bertha May,	*Bowdoinham.*	437 Main Street.
Vickery, Ethel Belle,	*Pittsfield.*	17 Frye Street.
Wheeler, Carlon Eugene,	*Berlin, Mass.*	42 P. H.
Williams, Leroy Everett,	*Bowdoinham.*	37 P. H.
Wilson, Joseph Edward,	*Yarmouth, N. S.*	21 R. W. H.

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SOPHOMORE CLASS.

NAME.	RESIDENCE.	ROOM.
Allen, Clara Frances,	*Leominster, Mass.*	37 Highland Avenue, Auburn.
Ames, Florence Sophia,	*Lewiston.*	70 Elm Street.
Babcock, Julia Emma,	*Lewiston.*	40 Mountain Avenue.
Bangs, Sadie Elizabeth,	*Sabatis.*	
Bemis, Elwin Rynell,	*Dexter.*	211 College Street.
Blake, Harry Alfred,	*Dexter.*	40 P. H.
Blanchard, Lucian William,	*Rumford Falls.*	156 Holland Street.
Brown, Robert Alpheus,	*Bowdoin Center.*	141 Nichols Street.
Chadbourne, Ava Harriet,	*Mattawamkeag.*	13 Skinner Street.
Chase, Bessie Dyer,	*Lewiston.*	16 Frye Street.
Childs, Earle Alfred,	*East Dixfield.*	46 P. H.
Clason, Ernest Fairlie,	*Lisbon Falls.*	14 P. H.
Cornforth, Edna,	*New Portland.*	22 Wakefield Street.
Crosman, Daniel Marston,	*Monmouth.*	136 Holland Street.

DAICEY, ELMER EUGENE,	*Auburn.*	109 Summer Street, Auburn.
DARLING, ARTHUR EDWIN,	*Auburn.*	210 Main Street, Auburn.
DAY, FRANCENA BERTHA RUST,	*Auburn.*	80 Dunn Street, Auburn.
DEAN, ETHEL MAE,	*South Paris.*	26 Mountain Avenue.
DEANE, LEWIS JAMES,	*Lewiston.*	352 Main Street.
DEXTER, ARTHUR LEWIS,	*Whitman, Mass.*	46 P. H.
DONNOCKER, CHARLEY FLETCHER,	*Melrose Highlands, Mass.*	12 P. H.
DRAKE, MABEL EDITH,	*Auburn.*	7 Parker Street, Auburn.
DRAKE, WILLARD MELVIN,	*Auburn.*	7 Parker Street, Auburn.
EVERETT, PHILIP REVERE,	*East Poland.*	16 P. H.
FELKER, IVAN ISAIAH,	*Pittsfield.*	161 Wood Street.
FIELD, BERTHA SARAH,	*Auburn.*	Park Avenue, Auburn.
FOSS, IRVING CRESSEY,	*Strafford Corner, N. H.*	29 High Street.
GOSLINE, EDNA MAE,	*Sussex, King's Co., N. B.*	262 College Street.
HAMLIN, JOHN FREDERICK,	*Bangor.*	24 Frye Street.
HARRINGTON, VIRGIL DEWITT,	*Whitefield, N. H.*	12 P. H.
HOLMAN, GEORGE SHAW, JR.,	*Dixfield.*	141 Nichols Street.
HUNNEWELL, JOHN ARTHUR,	*Scarborough.*	141 Nichols Street.

Kimball, Lucy Florence,	*Newburyport, Mass.*	262 College Street.
Knowlton, Helen,	*Farmington.*	190 College Street.
Leggett, Lillian Gertrude,	*Northborough, Mass.*	26 Mountain Avenue.
Lodge, James Alexander,	*Manchester, Mass.*	8 P. H.
Long, Flora Estella,	*Auburn.*	46 Whitney Street, Auburn.
Lunt, Georgiana,	*Auburn.*	204 Cook Street, Auburn.
Manuel, Ida Mae,	*Franklin Falls, N. H.*	262 College Street.
McCleary, Alfred Elwood,	*Maynard, Mass.*	8 P. H.
McCollister, Philena,	*Lewiston.*	103 College Street.
McLean, Ernest Llewellyn,	*Augusta.*	227 College Street.
Merrill, Annie Louisa,	*Gardiner.*	243 College Street.
Merry, Bion Corydon,	*East New Portland.*	134 Wood Street.
Miller, Edith Mae,	*Camden.*	84 College Street.
Moody, Frank Benjamin,	*North New Portland.*	141 Nichols Street.
Murphy, Catharine Hyacintha,	*Auburn.*	33 Newbury Street, Auburn.
Ohol, Augustine Deo,	*Rahuri, Hindustan.*	349 College Street.
Park, Clarence Ernest,	*Lyndon Center, Vt.*	29 High Street.
Pettengill, Ruth Eugenia,	*Curtis Corner.*	84 College Street.

Pomeroy, Ray Eugene,	*Lewiston.*	164 Holland Street.
Purinton, Angie Lois,	*Montsweag.*	247 College Street.
Purinton, Evelyn Achsah,	*Bowdoinham.*	13 Skinner Street.
Richmond, Mabel Arnold,	*Monmouth.*	418 Main Street.
Rogers, Justin Noble,	*North Guilford.*	17 Frye Street.
Roys, Edville Adalas,	*Lewiston.*	85 Russell Street.
Russell, Ethel Almeda,	*Auburn.*	53 Fifth Street, Auburn.
Sawyer, Samuel Ellison,	*Lewiston.*	164 Holland Street.
Smith, Claribel Gilman,	*Monmouth.*	158 College Street.
Staples, Amy Metcalf,	*Lewiston.*	487 Main Street.
Sullivan, Walter Edward,	*Oakland.*	147 Oak Street.
Summerbell, Laura Anna,	*Lewiston.*	476 Main Street.
Thompson, Grace Ellen,	*Stratham, N. H.*	262 College Street.
Truell, Hattie Pearl,	*Northborough, Mass.*	26 Mountain Avenue.
Tryon, Arthur William,	*Auburn.*	15 Oak Street, Auburn.
Tucker, Ellie Louisa,	*Athens.*	262 College Street.
Turner, Charles Oscar,	*Farmington.*	38 Middle Street.

Wall, Erastus Lewis,	*Rockport.*	21 P. H.
Watson, Bessie Vara,	*West Somerville, Mass.*	247 College Street.
Watts, Susie Frances,	*Littleton Common, Mass.*	262 College Street.
Wheeler, Margaret Elizabeth,	*Wayland, Mass.*	262 College Street.
Whitman, Plaisted Jackson,	*Buckfield.*	21 P. H.

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FRESHMAN CLASS.

NAME.	RESIDENCE.	ROOM.
Adams, Walton Samuel,	*Bowdoinham.*	411 Main Street.
Allen, Charles Plummer,	*Columbia Falls.*	151 Nichols Street.
Austin, Nelson Kenneth,	*Danville Junction.*	77 Horton Street.
Avery, Nellie Belle,	*Colchester, Conn.*	11 Frye Street.
Babcock, Ervin Nehemiah,	*Lewiston.*	40 Mountain Avenue.
Bailey, Lowell Ernest,	*North Anson.*	164 Holland Street.
Baldwin, Albert Kilburn,	*Taunton, Mass.*	211 College Street.
Bartlett, Grace Etta,	*Dixfield.*	33 High Street, Auburn.
Bradford, Harry Lewis,	*Newport.*	60 Middle Street.
Bragg, Irving Orison,	*St. Albans.*	94 Nichols Street.
Brown, Arthur Colwell,	*East Poland.*	19 P. H.
Brown, Harry Alvin,	*Liberty.*	95 Wood Street.
Bryant, Marie Louise,	*Pittsfield.*	74 Nichols Street.
Bucknam, Nathan Carlton,	*Columbia Falls.*	151 Nichols Street.

Casson, Fred Ray,	*Lewiston.*	81 Shawmut Street.
Catheron, Robert Scott,	*Manchester-by-the-Sea, Mass.*	29 P. H.
Chase, Bertha Emma,	*Auburn.*	98 Spring Street, Auburn.
Coolidge, Charles Wilson,	*Lisbon Falls.*	145 Nichols Street.
Crimmin, Harry Norman,	*Eastbrook.*	211 College Street.
Cumner, Guy,	*Lewiston.*	111 Pine Street.
Curtis, William Hiram,	*Bowdoinham.*	411 Main Street.
Donham, Hazel,	*Hebron.*	262 College Street.
Elkins, Leon Whitney,	*Jackson, N. H.*	94 Nichols Street.
Felker, Annie Etta,	*Strafford Corner, N. H.*	31 High Street.
Fisher, Olive Grace,	*Lewiston.*	35 High Street.
Fowler, Albert Francis,	*Farmington.*	94 Nichols Street.
Freeman, Lucy Louise,	*West Gray.*	227 College Street.
Fuller, Carl Spencer,	*Lewiston.*	421 Main Street.
Garland, Ernest Charles,	*Lyndon Centre, Vt.*	21 High Street.
Given, Jane Mary,	*Bowdoinham.*	13 Skinner Street.
Hall, Mary Marguerite,	*Bowdoinham.*	411 Main Street.
Hammond, Frank Merton,	*Lincoln.*	145 Nichols Street.

Hathorn, Laforest Joseph,	*Pittsfield.*	94 Nichols Street.
Hicks, Charles Ernest,	*Danville Junction.*	123 Spring Street, Auburn.
Higgins, Everett Clifton,	*Clinton.*	113 Wood Street.
Hovey, Hazel Marion,	*Augusta.*	262 College Street.
Howe, Ralph Thurston,	*Lewiston.*	135 Ash Street.
Howes, Allison Prince,	*Hartland.*	17 Frye Street.
Hunt, Ralph Leslie,	*Gardiner.*	145 Nichols Street.
Jennings, Hulbert Randall,	*Bowdoinham.*	411 Main Street.
Jordan, Theresa Ella,	*Auburn.*	7 Forest Avenue, Auburn.
Junkins, John Chester,	*York Corner.*	67 High Street.
Keene, Charles Garfield,	*Randolph.*	203 Oak Street.
Kelly, Howard Clinton,	*Saco.*	133 College Street.
Kendrick, Katherine Howe,	*Litchfield Corner.*	87 Elm Street.
Kendrick, Susie May,	*Litchfield Corner.*	87 Elm Street.
Keyes, William Wheeler,	*Litchfield Plains.*	44 P. H.
Knowles, Ralph Louis,	*Lewiston.*	100 Elm Street.
Leighton, Percy Augustine,	*West Cumberland.*	21 P. H.
Lord, Norris Samuel,	*Limerick.*	336 College Street.

Lothrop, Theodore Aubrey,	*Lewiston.*	52 Wood Street.
Maerz, Alexander,	*Lewiston.*	179 Oak Street.
Merriman, Abbie Lord,	*Litchfield.*	262 College Street.
Miller, Frances Augusta,	*Lewiston.*	6 Frye Street.
Munro, Daniel Collin,	*Gardiner.*	10 P. H.
Murphy, James Joseph,	*Brockton, Mass.*	56 Middle Street.
Nichols, Roger William,	*South Pittsfield, N. H.*	163 Lisbon Street.
Norton, Lillian Alice,	*Lewiston.*	30 Elm Street.
Nutter, Harry Hayes,	*Corinna.*	113 Wood Street.
Pingree, Clara Bearce,	*Lewiston.*	17 Wakefield Street.
Piper, John Obed,	*Bingham.*	95 Wood Street.
Potter, Charles Alden,	*Lewiston.*	162 College Street.
Pray, James Edwin,	*Gardiner.*	10 P. H.
Prince, Nellie Louise,	*New Boston, N. H.*	403 Main Street.
Purinton, Emery Healy,	*West Bowdoin.*	145 Nichols Street.
Putnam, Vivian Bowen,	*Lewiston.*	15 Skinner Street.
Ramsdell, George Edwin,	*East Hebron.*	211 College Street.
Raymond, Frances Ella,	*Bowdoinham.*	13 Skinner Street.

Rollins, Frank Plaisted,	*Lewiston.*	117 Wood Street.
Sanderson, Burton Willard,	*East Waterford.*	44 P. H.
Sawyer, Carl Dore,	*Auburn.*	399 Court Street, Auburn.
Sharp, Alberta Eleanor,	*Lewiston.*	83 Lowell Street.
Siegars, Roy Aretus,	*Bowdoinham.*	151 Nichols Street.
Smith, Linneon Rose,	*Winchendon, Mass.*	262 College Street.
Stebbins, George Edwin,	*Shelburne Falls, Mass.*	151 Nichols Street.
Stone, Fred Linwood,	*Auburn.*	46 Miller Street, Auburn.
Stratton, Bertha Mae,	*Auburn.*	63 Winter Street, Auburn.
Tasker, Marion Emma,	*Randolph.*	226 College Street.
Thayer, Harold Hamilton,	*Paris.*	40 Summer Street, Auburn.
Towle, Jeanne May,	*Woolwich.*	247 College Street.
Towne, Harry Merritt,	*East Parsonsfield.*	23 P. H.
Tozier, Delmont,	*Solon.*	164 Holland Street.
Trufant, Lester Hall,	*Auburn.*	Park Avenue, Auburn.
Wardwell, Leon Alta,	*Lewiston.*	162 College Street.
Williams, Annie Evelyn,	*Topsham.*	247 College Street.
Williams, Clara Horton,	*West Bowdoin.*	33 Russell Street.
Witham, Raymond Lee,	*Lisbon Falls.*	8 Avery Street, Lisbon Falls.

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SUMMARY.

Senior Class,	67
Junior Class,	62
Sophomore Class,	72
Freshman Class,	87
Total,	288

H. H.,	Hathorn Hall.	P. H.,	Parker Hall.
R. W. H.,	Roger Williams Hall.		
S. H.,	Science Hall.		

GRADUATES OF 1899.

Albee, Lettice Bertha Blagdon
Bassett, Whitman Sears
Blake, Edith Susan
Brown, Bertha Maria
Butterfield, Annie Jane
Calhoun, Charles Spurgeon
Cary, Charles Ernest
Chase, Muriel Esther
Coan, Marion Sadie
Cox, Blanche Isola
Churchill, Herbert Chester
Donnocker, Bertha Luella
Dame, Iris St. Helena
Dutton, Milton Pinkham
Finn, Helen Agnes
Foster, Edward Britian
Fuller, Oscar Anderson
Furbush, Mabel Blanche
Graffam, Perley Edmund
Gray, Irving Holmes
Hayes, Edith Ham
Hutchins, George Augustus
Hutchinson, Allen Chaffin
Hyde, Alban Bernard
Irving, Edith Iola
Jordan, Mabel True
Kelley, Edith Abbott
King, Lora Vivian
Knapp, Georgia Mae
Lary, Stanley Clarence
L'Heureux, Albert Theophilus
Lord, Alice Edna
Marrow, Edith Belle
Maxim, Ena Augusta
Merrill, Oscar Charles
Palmer, Ernest Lowell
Parsons, George Francis
Peacock, Everett
Pomeroy, Fred Elmer
Pulsifer, Nathan
Quinn, Bennet Homer
Ricker, Grace Helen
Roberts, Annie Maria
Roberts, Thomas Arthur
Rounds, Susie Louise
Saunders, William Allen
Scammon, Thomas Harmon
Small, Herbert Center
Stevens, Oscar Adelmer
Stewart, Delbert Mason
Tetley, Edmund Brayshaw
Thayer, Wildie
Wadsworth, Frederick Stevens
Wheeler, Alton Chapman

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FACULTY OF COBB DIVINITY SCHOOL.

GEORGE COLBY CHASE, D.D., LL.D., PRESIDENT.

*REV. JOHN FULLONTON, D.D.,
Professor Emeritus of Ecclesiastical History and Pastoral Theology.

REV. JAMES ALBERT HOWE, D.D., DEAN,
Professor of Systematic Theology and Homiletics.

REV. ALFRED WILLIAMS ANTHONY, A.M., SECRETARY,
Fullonton Professor of New Testament Exegesis and Criticism.

REV. BENJAMIN FRANCIS HAYES, D.D.,
Professor of Apologetics and Pastoral Theology.

REV. HERBERT RONELLE PURINTON, A.M.,
Professor in Hebrew and Ecclesiastical History.

REV. ARTHUR E. COX, A.B.,
Instructor in Church History.

GROSVENOR M. ROBINSON,
Instructor in Elocution.

* Deceased.

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01

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

CATALOGUE

OF

BATES COLLEGE

1900-1901.

CALENDAR-1901

JANUARY.

S	M	T	W	T	F	S
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FEBRUARY.

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MARCH.

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APRIL.

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MAY.

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JUNE.

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CALENDAR.

1900.	
Sept. 11—Fall Term begins,	Tuesday.
Nov. 29—Thanksgiving Day, Holiday,	Thursday.
Dec. 7—Fall Term closes,	Friday.
1901.	
Jan. 8—Spring Term begins,	Tuesday.
Jan. 31—Day of Prayer for Colleges,	Thursday.
Feb. 22—Washington's Birthday, Holiday,	Friday.
Feb. 26–March 8—Freshman Preliminary Declamations,	2 P.M.
Prize Division,	2 P.M.
March 12–22—Sophomore Debates,	2 P.M.
March 29—Spring Term closes,	Friday.
April 9—Summer Term begins,	Tuesday.
May 30—Decoration Day, Holiday,	Thursday.
June 19–22—Examination of the College Classes,	Wednesday–Saturday.
June 23—Baccalaureate Exercises,	Sunday, 10.30 A.M.
“ 23—Sermon before the College Christian Associations,	Sunday, 7.45 P.M.
“ 24—Sophomore Prize Debate,	Monday, 2.30 P.M.
“ 24—Junior Exhibition,	Monday, 7.45 P.M.
“ 25—Annual Meeting of the Alumni,	Tuesday, P.M.
“ 25—Class Day Exercises,	Tuesday, 2.30 P.M.
“ 25—Concert,	Tuesday, 7.45 P.M.
“ 26—Examination for Admission to College,	Wednesday, 9 A.M.
“ 26—Annual Meeting of the Corporation,	Wednesday, 9 A.M.
“ 26—Reception to Graduates by Members of the Faculty,	Wednesday, 2 to 5 P.M.
“ 26—Literary Exercises of the Alumni,	Wednesday, 7.45 P.M.
“ 27—Commencement,	Thursday, 10 A.M.
“ 27—Address before the Literary Societies,	Thursday, 7.45 P.M.
“ 28—President's Reception of the Graduating Class,	Friday, 8 P.M.
Sept. 9—Examination for Admission to College,	Monday, 2 P.M.
“ 10—Fall Term begins,	Tuesday.
Oct. 21–Nov. 2—Sophomore Preliminary Declamations,	2 P.M.
Prize Division,	2 P.M.
Dec. 6—Fall Term closes,	Friday.

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GENERAL INFORMATION.

FOUNDATION.

Bates College grew out of the Maine State Seminary, chartered in 1855. In 1862 sixteen young men in this school petitioned the Trustees to provide facilities for collegiate instruction. In the fall of 1863 the first Freshman class was admitted, and in the winter of 1864 a new charter was secured, and Maine State Seminary became Bates College. The name Bates College was given by the Trustees in grateful acknowledgment of the generosity of Mr. Benjamin E. Bates of Boston, Mass., one of the founders of the city of Lewiston. Mr. Bates had taken a warm interest in the Seminary, and it was his encouragement, with a subscription in 1863 of $25,000, which led to its development into the college. To this sum he subsequently added $75,000. Mr. Bates died in 1877. Other friends have generously aided the institution, but none of their benefactions have equaled in amount the gifts of Mr. Bates.

Lewiston, in which the College is situated, is the second city in population in Maine, having about twenty-five thousand inhabitants. It is on the east bank of the Androscoggin, thirty-five miles northeast of Portland. It is connected by four bridges with Auburn, a city with twelve thousand inhabitants, on the opposite bank of the river. The two cities are among the most enterprising and progressive in the East. Many of their public buildings are exceptionally beautiful and substantial. Their excellent public schools are constantly bringing to the two cities from all parts of Maine, and even from adjoining States, parents eager to secure a good education for their children. The Lewiston High School, and the Edward Little Institute of Auburn, rank among the best preparatory schools in New England. The pulpits of Lewiston and Auburn are occupied by able and scholarly men, and residents of few towns have better facilities for hearing the representative lecturers and orators of our country. The two cities are remarkably healthful, are situated amid some of the most beautiful scenery of the Androscoggin valley, and combine in a rare degree the educational influences afforded by the presence of business energy, of scholarly leisure, and of attractive environments. They are a little more than four hours distant from Boston, and are accessible from all directions by means of three railways,—the Grand Trunk and two lines of the Maine Central. The college grounds consist of fifty acres in the suburbs of Lewiston. They have great natural beauty and command fine views of the surrounding country. From the summit of Mount David, given by Mrs. Archibald Wakefield and the late Mrs. John M. Frye, as the site of an astronomical observatory, the White Mountains, more than fifty miles away, are distinctly visible.

CHARACTER OF THE COLLEGE.

The college is unsectarian in all its aims and methods, but it is unequivocally Christian. Breadth and thoroughness are sought, not only in literary and scientific attainments, but in moral and spiritual culture. What are called the vices of student life are practically unknown at Bates. No student can be a member of the college without taking and keeping a pledge to abstain from alcoholic drinks. Hazing has never been tolerated. A large percentage of the students are actively religious, and among them are represented nearly all the religious denominations of New England. It has been the constant aim of the college to encourage and aid students of limited means and to exclude such habits and customs as lead to extravagant and unnecessary expenditures. From its organization in 1863, the college has received young women on the same terms with young men, thus beginning on the Atlantic sea-board the movement for the higher education of women.

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* Endowed by Mrs. Sarah S. Belcher.
† Endowed in memory of the late Professor Richard C. Stanley.
‡ Endowed in memory of the late Rev. Ebenezer Knowlton.

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T. L. ANGELL.

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JUNIORS—C. M. GEER.
SOPHOMORES—J. H. RAND.
FRESHMEN—F. A. KNAPP.

TERMS OF ADMISSION.

The requirements for admission to the Freshman Class for the degree of A.B. are as follows:

LATIN.

Six Books of Virgil's Æneid;
Four Books of Cæsar's Gallic War;
Six Orations of Cicero;
Thirty Exercises in Jones' Latin Composition, or an Equivalent;
Latin Grammar, including Prosody;
Translation of Easy Latin at sight.

GREEK.

Four Books of Xenophon's Anabasis;
Two Books of Homer's Iliad;
Twenty Exercises in Jones's Greek Composition, or an Equivalent;
Greek Grammar;
Translation of Easy Greek at sight;
Ancient History and Geography.

MATHEMATICS.

1. Algebra, through Equations of the Second Degree, including Ratio and Proportion, Arithmetical and Geometrical Progression, and the use of the Binomial Formula.

2. Plane Geometry, including all the original exercises as given by Wells or Wentworth.

ENGLISH.

I. The correction of sentences faulty in syntax, diction, or construction.

II. The writing of an essay upon some subject taken from one of the books named in III.

III. *Reading.* The candidate will be required to present evidence of a general knowledge of the subject-matter of the books read, and to answer simple questions on the lives of the authors. The books set for this part of the examination will be:

1901.—George Eliot's Silas Marner; Pope's Translation of the Iliad (Books I., VI., XXII., and XXIV.); The Sir Roger de Coverley

Papers in The Spectator; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; Shakespeare's Merchant of Venice; Cooper's Last of the Mohicans; Tennyson's Princess; Coleridge's Rime of the Ancient Mariner.

1902.—George Eliot's Silas Marner; Pope's Translation of the Iliad (Books I., VI., XXII, and XXIV.); The Sir Roger de Coverley Papers in The Spectator; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; Shakespeare's Merchant of Venice; Cooper's Last of the Mohicans; Tennyson's Princess; Coleridge's Rime of the Ancient Mariner.

1903.—Shakespeare's Merchant of Venice and Julius Cæsar; The Sir Roger de Coverley Papers in The Spectator; Goldsmith's The Vicar of Wakefield; Coleridge's The Ancient Mariner; Scott's Ivanhoe; Carlyle's Essay on Burns; Tennyson's The Princess; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

1904.—Same as 1903.

IV. *Study and Practice.* This part of the examination presupposes the thorough study of each of the works named below. The candidates will be examined upon subject-matter, form, and structure. The books set for this part of the examination will be:

1901.—Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essays on Addison and Milton.

1902.—Same as 1901.

1903.—Shakespeare's Macbeth; Milton's Lycidas, Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America; Macaulay's Essays on Milton and Addison.

1904.—Same as 1903.

Candidates for the degree of B.S. may present instead of the Greek the following work as conducted in the best preparatory schools, on the basis of five hours a week in each subject:

1. Three years of French and one year in any one of the following subjects: German, Physics, Chemistry, Advanced Mathematics.

2. Three years of German and one year in any of the following: French, Physics, Chemistry, Advanced Mathematics.

3. Two years of French and two years of German.

Graduates of preparatory schools whose methods and courses of study are approved by the Faculty of the College may be admitted provisionally, upon the certificates of the principals of such schools. The certificates must clearly show that the amount and quality of the work done by those who present them are equivalent to the published requirements of the College. At the close of the first term all who have done scholarly work and maintained satisfactory deportment will be admitted to full standing. But no candidates for the degree of B.S. will be admitted except by examination in all subjects. No student will be admitted to the College without giving proof of a good moral character.

All candidates for advanced standing will be examined in the preparatory studies, and also those previously pursued by the class they propose to enter, or in other studies equivalent to them.

Certificates of regular dismission will be required from those who have been members of other colleges.

The regular examinations for admission to College take place on Wednesday preceding Commencement, and on Monday preceding the first day of the Fall Term.

The examinations for admission to College will be both written and oral.

No special students are admitted to any of the College classes.

COURSES OF INSTRUCTION.

It is the aim in each department to exemplify the methods and results of a scholarship at once sound and progressive. All the work of the Freshman year is required. Electives are introduced in the Sophomore year and are increased in number as the course goes on. The essentials of a liberal education are constantly kept in view and the attainment of knowledge is made tributary to the love of study, the habit of investigation, and the tastes and aptitudes of the scholar. The individuality of students is recognized and encouraged without the sacrifice of breadth and thoroughness. Class-room work is supplemented by original observation and research and by a systematic use of the College Library.

PHILOSOPHY.

Study in this department begins in the Summer term of the Junior year and continues through the Senior year, Logic and Ethics being elective.

The mode of instruction combines lectures, recitations from text-books, collateral reading, and essays upon assigned topics. In Psychology due attention is given to recent physiological investigations and to the history of the evolution of theories of knowledge, and also to the practical bearing of psychological truths upon the formation of character and upon successful work in the higher avocations. The aim constantly kept in view is not to secure the memorizing of words, but habits of exact and inquisitive thought.

In Logic, special effort is made to elucidate the mental processes employed in the formation of concepts, in deductive Logic, and especially in Induction and the Scientific Method. Attention is specially directed to the grounds of induction and of the validity of knowledge, and, as much as the time allows, to historic inquiry into the rise and relationships of the various schools of philosophic thought.

In Ethics, besides an examination and criticism of the principal phases of ethical theory and a study of the applications of ethical principles to correct thinking and to the conduct of life, the origin and evolution of ethical ideals are traced and the corresponding moral progress of the historic races; also the help afforded by Christianity to that progress and to the attainment of an ultimate ideal.

One hour each week is given during the Freshman year to instruction in Christian Ethics. The aim of this course is to show that both individual excellence and social progress are dependent upon the application of Christ's teachings to the problems of character and conduct presented in the life of to-day; and that the adaptation of Christianity to human needs and aspirations is an abiding proof of its divine origin. The teachings of the textbook used are supplemented by talks, lectures, and discussions. There is a constant endeavor to make the work practical.

GREEK AND LATIN.

In addition to a critical study of Latin and Greek, special attention is given to the history and philosophy of the Greeks and Romans, their political institutions, religion, art, amusements, and domestic life.

The study of Greek and Latin is required throughout the Freshman year, four recitations a week in each. Greek is studied in the Spring term of the Sophomore year and Latin in the Summer, also Latin in Spring term of Junior year. In Latin each year are generally read one of the books of Livy, one of the philosophical treatises of Cicero, some of the odes, epodes, satires, and the Ars Poetica of Horace, either the Germania and Agricola of Tacitus or extracts from his Histories or Annals, some of the satires of Juvenal, and occasionally portions of Lucretius. In the Greek course are read extracts from Herodotus and Thucydides, some of the orations of Demosthenes or Lysias, one of the tragedies of Æschylus, Sophocles, or Euripides, and one of the dialogues of Plato. Occasionally the classes read portions of Xenophon's Memorabilia and of Homer's Odyssey, some of the odes of Pindar, and the Clouds of Aristophanes. A part of each recitation hour is devoted to reading at sight.

GERMAN.

The study of German is required during the Sophomore year, and is elective during the Junior and Senior years. Three hours per week are devoted to this study during seven terms, and two hours per week during two terms.

The aim of the department is to give to the students a thorough knowledge of German Grammar, accuracy in translation, a well-trained ear, facility in conversation, readiness in composition, acquaintance with classic masterpieces, and a general knowledge of the history of German Literature from the earliest times. To attain these ends an advanced Grammar is studied two terms, elementary reading is early introduced, leading to both prepared and sight-work, while dictation, connected prose-composition, and conversation follow.

From the commencement of the study the recitations are conducted in the language studied, as far as is practical. In the latter part of the course a Grammar written wholly in German is reviewed by the class. In the study of Literature lectures upon the life, times, and works of the leading authors studied are given. In the work of the second and third years copious reading of German outside of the recitation room is required, together with the mastery of such general historical material as will throw light upon the texts employed, and thus increase the interest and enlarge the knowledge of the student.

TEXTS USED IN THE COURSE.

Grammars.—Thomas, Spanhoofd.

Readers.—Brandt, Hewett.

German Composition.—Bernhardt, Stein.

Poetry.—Goethe, Schiller, Heine, Klenze, Buchheim, Uhland.

Dramas.—Goethe's Egmont, Iphgenie, Faust; Schiller's Yungfrau von Orleans, William Tell, Wallenstein; Lessing's Minns von Barnhelm, Nathan der Weise; Freytag's Die Journalisten.

History of German Literature.—Scherer, Wenchebach, Bernhardt, Taylor, Hosmer, Gostwick and Harrison.

Miscellaneous.—Heine's Prose; Wenckebach's Deutscher Unterschauungs-Unterricht; Scheffel's Ekkehard; Schrakampf's Berühmte Deutsche; Schrakampf's Erzahlungen aus der Deutschen Geschichte; Freytag's Soll und Haben, and Karl der Grosse;

Hillern's Höher als die Kirche; Storm's Immensee; Chamisso's Peter Schlemihl; Riehl's Der Fluch der Schönheit; Heyse's L'Arrabbiata; Seidel's Herr Omnia; Prehn's Journalistic German; Goethe's Dichtung und Wahrheit; Vilmar's Die Nibelungen.

FRENCH LANGUAGE AND LITERATURE.

Course 1. French grammar, composition, reading of modern French.

The aim of this course is to give the student a concise and thorough knowledge of the French grammar. The need of an extensive vocabulary is met by the reading and translation in class of a large amount of modern French. Especial attention is given to exactness of translation, and constant reference to the grammar is made. Composition is not a small part of this course, and some practice in conversation is given.

Required of the Freshmen in the Spring and Summer terms, and of the Sophomores in the Fall term. Three hours per week.

Course 2. Seventeenth century literature. Corneille, Racine, Molière.

Selected dramas of Corneille, Racine, and Molière are read and criticised in the class. The especial attention of the class is directed to the literary beauty and dramatic structure of Corneille and Racine, and to the comedies of Molière as a mirror of French society of that time.

Elective in Summer term of Sophomore year, and Fall term of the Junior year. Three hours per week.

Course 3. Nineteenth century literature. This course is a purely literary course, attempting to instill in the student's mind a love for the best to be found in the French prose and poetry of the age.

Elective in the Spring and Summer terms of the Junior year. Three times a week.

Course 4. Teacher's course.

This course will be distinctively a teacher's course, if so desired by a majority of the class. The attempt will be made to prepare the students, intending to teach French, in as complete a manner as the previous courses permit. To this end especial attention will be given to (1) Outline of French Literature;

(2) Review of the grammar, with lectures and suggestions of the relation to the Latin grammar by way of comparison and contrast; (3) Pronunciation. To this end some time and attention will be given to the etymology and historical development of the forms and words. Suitable texts will be used in the class as a basis for the above work.

RHETORIC AND ENGLISH LITERATURE.

FRESHMAN YEAR.

1. Composition. The aim of this course is to train students to treat subjects within the range of their knowledge and interests with correctness, clearness, and force. The work required of each student is one composition a week. These compositions are carefully examined and corrected by the instructor; they are then used by him as a basis for systematic instruction in the class-room on the elementary principles of composition; and finally they are returned to the writers in the instructor's "consultation hours," with oral criticisms and suggestions. Two hours a week the first term, one the second, and one the third.

SOPHOMORE YEAR.

1. Rhetoric and argumentation. The work of the course includes the study of a text-book on Rhetoric, the writing of several themes, and the preparation of a short debate. Three hours a week. Fall term.

2. Rhetoric. Sophomore prize debates. Studies in selected masterpieces of prose or poetry. Three hours a week. Spring term.

The subjects of the prize debates are announced at the close of the Fall term of the Freshman year, and every argument is expected to give evidence of careful reading and vigorous thinking during the year following the announcement of the questions.

3. Advanced Composition (elective). This course is intended only for students who have already attained some proficiency in composition. The kind of composition practiced by each student is determined largely by his individual needs and tastes. Four hours a week. Summer term.

4. Champion Sophomore Prize Debate, participated in by speakers chosen from those presenting the best arguments in the

debates of the Spring term. The remaining members of the class present each an essay in competition for a prize for the best theme upon a prescribed subject. Commencement week. Summer term.

JUNIOR YEAR.

1. Outline History of English Literature. One hour a week. Fall term.

2. The Drama. Origin and development of the Greek drama. History and development of the English drama. Critical study of selected plays of Shakespeare. Required reading of the best Elizabethan plays, and of other important works of the Elizabethan age. Four hours a week. Fall term.

3. Literature of the Seventeenth and Eighteenth Centuries. Literary history and biography of the period. Critical study of selected works of prose and poetry. Required reading, investigation, abstracts, reports and discussions. Library work is very prominent in this term. Four hours a week. Spring term.

4. Essays based on the study of masterpieces of Exposition or Persuasion, or theses on subjects requiring extended investigation. Fall and Spring terms. Original prize declamations upon assigned subjects. Each member of the class reads his part before a committee, by whom the best twelve parts are selected to be delivered in a prize contest, Commencement week. Summer term.

5. Literature of the Eighteenth and Nineteenth Centuries. History of the literature of the period. Critical study of selected works in prose and verse. Required reading and investigation. Four hours a week. Summer term.

SENIOR YEAR.

1. Lectures on literary criticism, with special reference to fiction. Literature of the Nineteenth Century, selected authors. Study and investigation of special topics in Literary history and criticism. Four hours a week.

2. An essay by each member of the class in criticism of some classic in English or American fiction. Fall term.

3. History of the English Language (elective). Six weeks during Spring term.

4. Critical study of Chaucer; Prologue to Canterbury Tales and two of the Tales. Topical study of English History in the

time of Chaucer in connection with the examination of his poems (elective). Six weeks. Four hours a week. Spring term.

5. Senior Exhibition, original parts. Each member of the class reads his part before a committee, by whom twelve are selected to speak in the exhibition. Spring term.

6. Commencement parts. Each member of the class writes, but the speakers for Commencement are selected for scholarship.

7. English Literature of the Nineteenth Century. Selected authors. Critical study of Tennyson and Browning. Seminary work. Four hours a week. Summer term.

MATHEMATICS.

The study of Mathematics is pursued throughout the first two years of the course, there being five recitations weekly. During the Freshman year, mathematical work is required; during the Sophomore year it is elective. The first term of the Freshman year is devoted to algebra. The subjects taken are binomial theorem, undetermined coefficients, choice and chance, series, continued fractions, variables and limits, theory of equations, the graphical representation of equations, etc. The second term is given to solid and spherical Geometry, with original demonstrations. Especial emphasis is placed upon original work, it being considered of the highest disciplinary value. Plane and spherical Trigonometry occupies the last term of the year. Surveying is elective. Those who choose the subject have field practice, and compute areas and make plans of their surveys. The first half of the Sophomore year is given to Analytical Geometry; the second half to the Differential and Integral Calculus. Numerous illustrative examples are given in connection with both these subjects.

CHEMISTRY.

Work in this department includes recitations, lectures, and laboratory practice, and continues through the Junior and Senior years. The study begins with lectures and recitations on the non-metallic elements and their compounds. In connection with these subjects the elements of Theoretical Chemistry are taught, and the students are given practice in the solution of a variety of chemical problems.

In the laboratory the students receive instruction in chemical manipulation and perform a series of experiments designed to illustrate the properties of the more important elements and the laws of chemical action.

In qualitative analysis instruction is given by lectures, and each exercise includes two hours' work in the laboratory. The methods employed are mainly inductive and are designed to develop the observing powers and to awaken the spirit of investigation.

In quantitative analysis the work is entirely in the laboratory. The instruction aims to make the students familiar with the best methods of determining all the principal elements and also the most important type-processes both of gravimetric and volumetric analysis.

PHYSICS.

Physics is required of the Sophomores, three hours a week during the Winter term, and two hours a week during the Spring term. The text-book is Henderson and Woodhull's Elements of Physics, published by D. Appleton & Co. The work in the text-book is supplemented by lectures on various physical topics, the course being designed to be a complete introductory course. Especial emphasis is placed upon the solution of numerical problems.

The work in Physics during the Junior year is of more advanced character, particular attention being given to mathematical expression of physical laws. During the Fall term, Mechanics and Heat are studied, Sound and Light during the Winter term, and Electricity and Magnetism during the Spring term. The text-book used is Ames' Theory of Physics.

The laboratory work is entirely quantitative and follows the class-room work as closely as possible.

Chute's Laboratory Manual is used in the beginning of this course, and Sabine's Laboratory Course in Physics is taken up as soon as the student's progress justifies more advanced work.

Students expecting to elect work in physics are advised to elect the work offered in higher mathematics.

GEOLOGY.

The work of this course covers two terms, coming two hours per week in the spring term of the Junior year, and three hours per week in the fall term of the Senior year. The text-books for the course are Crosby's Common Minerals and Rocks, published by D. C. Heath & Co., and LeConte's Elements of Geology (edition of 1897), D. Appleton & Co.

The course is an introduction to the whole field of geology, and all departments of the subject are studied as thoroughly as the time will permit.

The laboratory work of the course includes a detailed objective study of twenty minerals and thirty rocks, an examination of a few representative fossils from each geological age, a few simple experiments, and a study of six physiographic regions of the United States by means of the topographic maps and other helps issued by the United States Geological Survey.

While the sub-division of Lithology is under consideration the museum of Mineralogy and Geology is thrown open for class use, and students are encouraged to familiarize themselves with more than the required number of minerals and rocks.

The division of Historical Geology is studied with special reference to the Doctrine of Evolution, and the modern views of that subject are explained and illustrated.

A short thesis and several excursions are required of each member of the class. The thesis will be due on some date near the end of the fall term.

ASTRONOMY.

The course in Astronomy is elective, and begins in the spring term of the Junior year and continues through the fall term of the Senior year, occupying three periods a week during the spring term and two periods a week during the fall term. The text-book for class use is Todd's New Astronomy, published by the American Book Company.

In the laboratory work, students will have an opportunity to use a variety of instruments and pieces of apparatus, including: quadrant, sextant, altazimuth, gnomon, box transit, telescope, and spectroscope.

A short thesis on some topic of the science will be required of each student, and this will be due about the middle of the fall term.

BIOLOGY.

BOTANY.

Sophomores are required to pursue this subject during the winter and spring terms. The work running through these two terms constitutes a continuous course, and occupies two periods per week during the winter term, and three periods per week during the spring term. The text-books for the course are Bergen's Elements of Botany (Ginn & Co.) and Gray's Lessons and Manual (Revised). Each student is required to collect, mount, and name twenty-five specimens.

The aim in this subject is not *merely* to acquire facility in identifying species by the use of a manual, although work leading to this end forms a part, and an important part, of the course. The center of interest is Plant Life. We wish the student (1) to understand the end sought by the plant and its different parts, and (2) how the various parts operate to secure the end in view. Therefore, considerable stress is laid upon adaptation to Use and to Environment. This involves the consideration of a variety of topics similar to the following: Are the Cotyledons of the Pea of any Use to the Seedling; Adaptation of the Root to its Work; Leaf Exposure to Sun and Air; Plants Adapted to a Dry Climate; Distribution of Seeds; Devices for Securing Cross-Fertilization; The Origin of Floral Organs; Survival of the Fittest.

It is not deemed sufficient simply to study the text-book. Students are required to perform about fifteen laboratory exercises, in which they dissect, examine, and draw the real object under consideration. Some use is made of the microscope in studying minute structure, and in acquiring a notion of the lowest orders of plants.

The method of instruction combines study of the text, recitations, laboratory work, field work, and lectures.

ZOÖLOGY.

Study in this department begins in the Fall term of the Senior year and continues through two terms. Instruction is given by lectures and recitations, with laboratory work. Typical examples illustrating the various groups of the animal kingdom are examined and dissected by the class. Some attention is given to the systematic classification of species, but the subject is presented mainly in its biological relations, with the object of enabling the student to get as much knowledge as possible of the origin and development of animal forms, their structure and mutual relations, and the general principles which underlie and govern all animal life.

ORNITHOLOGY.

Considerable attention is given to the study of Ornithology, apart from that of general zoölogy. In the Fall term twelve lectures are given to the Freshman Class on the characteristics of birds—peculiarities of physical structure, flight, utility, song, beauty, intelligence, and migration; on the fossil, sub-fossil, and extinct birds, and on classification. The last lecture of the term is devoted to the winter birds of Maine. This lecture is preparatory to the work to be done by the class during the winter. Prizes are given to the members of the class that report the longest lists of birds observed and carefully identified between the first of December and the middle of March. Two prizes are also given to the class for the best winter sketches of not more than two thousand words each. In the twelve lectures given in the spring all the species of the inland birds of Maine are described and the mounted specimens are shown to the class. Four times a week, from the last of March to the middle of June, the members of the Freshman Class make early morning excursions of one hour and a half to the fields and woods in search of the birds. Particular attention is directed to the songs and notes of the birds. From 75 to 130 different species are recognized in one year by the careful observers.

HISTORY AND POLITICAL SCIENCE.

Instruction in History begins with the Fall term of the Sophomore year, and is continued in the Junior and Senior years.

The aim of the earlier courses is to give the student a clear outline of historical facts in their chronological sequence and relations, to introduce him to the most valuable books, to develop the historic imagination, and to stimulate a taste for independent research.

In the subsequent courses emphasis is placed upon the political and constitutional aspects of history, with special reference to the development of popular institutions in England and America; effort is made to cultivate a discriminating and critical judgment of men and events; students are trained in the best methods of historical investigation, and required to do original work.

The instruction is carried on by means of recitations, references to the library, collateral readings, abstracts and reports, frequent examinations, informal lectures, and papers and discussions upon topics assigned. Each student should own an inexpensive historical atlas and some good compendium of general history, in addition to one or more manuals bearing directly upon the period under investigation.

1. The work opens with a brief *résumé* of Ancient History prior to the Teutonic migrations. This is followed by a more detailed study of Mediæval Times (375–1453); Germanic Institutions; Charlemagne; the Mohammedans in Europe; the Papacy and the Civil Power; Monasticism; Feudalism; the Saxons and Normans in Britain; the Crusades; England and France.

2. A study of the Modern Era (1453–1789), including the Renaissance in Italy, Germany, France, and England; the Discovery of America; the Protestant Reformation; the Struggle for Constitutional Liberty; the French Monarchy; France and England in the New World; and the American Revolution.

3. The French Revolution and the Nineteenth Century. A study of the causes and consequences of the Revolution in France; the Napoleonic Era; the Rise of Prussia and Russia; the Growth of Democracy and Liberty; and the Unification of Italy and Germany.

4. The Political and Constitutional History of England. A study of the Origin and Growth of the English Constitution; Early Charters; Parliamentary Government.

5. The Political and Constitutional History of America. A study of Local Government in the Colonies; Colonial Charters; Political Parties; the Constitution; State and Municipal Institutions.

ECONOMICS AND SOCIOLOGY.

The work in Economics and Sociology begins with the Spring term of the Junior year, and is continued in the Senior year.

The methods of instruction are similar to those pursued in the more advanced work in history. Students are trained to scientific habits of thought upon economic, industrial, and social phenomena, and are encouraged to independent thinking.

1. The Elements of Economic Science. This is an outline course in the Principles of Economics. The work of the textbook is supplemented by readings and discussions. Required of Juniors.

2. Advanced Economics. A brief historical view of economic thought; a comparative and critical study of leading economists; Money, Banking, Taxation, the Tariff, and the Labor Problem. (Elective for those who have taken Course 1.)

3. Social Science. A study of the principles of Sociology, together with living social problems; the Family; Immigration; Pauperism; Charities; Crime; Socialism.

ELOCUTION.

FRESHMAN YEAR.—SPRING TERM.

Development and training of the imaginative instinct. Simple attention and admiration of nature. Spontaneity; Freedom; Vocal Painting.

Vocal Training. Correct method of breathing. Openness of tone passage. Preparatory action for speech. Ease, freedom, and openness in tone production. Class work two hours a week.

Prize Declamations, in which every member of the class is prepared by special instruction and drill.

SOPHOMORE YEAR.—FALL TERM.

Development of logical instinct. Emphasis; Inflection; Touch; Subordination. Sequence of ideas.

Vocal Training, to secure control of breath and elasticity of tone.

Prize Declamations, in which every member of the class is prepared by special instruction and drill.

JUNIOR YEAR—SUMMER TERM.

Study of conversation, narration, description and soliloquy, to develop naturalness in speech form.

Vocal Training, continued to develop agility and ease. Class work two hours a week.

SENIOR YEAR.—SUMMER TERM.

Sympathetic instinct; Transition; Contrast; Rhythm; Pause; Attack. Effect of Emotion in Tone; Tone Color; Purpose.

Vocal training continued. Class work two hours a week.

SYNOPSIS OF THE COURSE OF STUDY.

Figures after each subject indicate number of exercises a week. Electives are italicized.

FRESHMAN YEAR.

FALL TERM.

Mathematics—Algebra completed, 5 . . . Wells.
Greek—Lysias, 4.
Latin—Livy, 4.
English—Composition, 2.
Christian Ethics, 1.
Ornithology—Lectures, 1.

SPRING TERM.

Mathematics—Solid and Spherical Geometry, with original propositions, 5 . . . . . Phillips and Fisher.
Greek—Historians, 4.
Latin—Tacitus: Germania and Agricola, 3.
French—Grammar, Composition, and Reader, 3.
English—Composition, 1.
Elocution—Prize Declamations, with class and individual drill, 1.

SUMMER TERM.

Mathematics—Plane and Spherical Trigonometry, with Richards's Manual and Sphere. *Surveying*, 5. Wells.
Latin—Horace, 4.
Greek—Demosthenes, 3.
French—Grammar, Composition, and Reader, 3.
English—Composition, 1.
Ornithology—Lectures, 1.

SOPHOMORE YEAR.

FALL TERM.

English—Rhetoric, 4.
German—Grammar, Bernhardt's Sprach-und Lesebuch, 3.
French—Grammar, Modern French, 3.
Mathematics—Analytical Geometry, 5. . . . Hardy.

Latin—Cicero: De Contemnenda Morte, 5.
History—Mediæval, 5.
Elocution—Prize Declamations, with class and individual drill, 1.

SPRING TERM.

German—Grammar, Hewett's German Reader, Conversation, 3.
Exercises, 3.
English—Study of Selected Poems, 3.
Two themes. Prize debates, participated in by all the members of the class arranged in divisions.
Physics, 3.
Botany, 2.
Mathematics—Analytical Geometry completed, 5. . Hardy.
Calculus begun, 5. . . . . Taylor.
Greek—Sophocles, 4.
History—Modern, 4.

SUMMER TERM.

German—Bernhardt's Deutsche Literaturgeschichte; Stein's German Exercises, 3.
Freytag's Die Journalisten, Hillern's Höher als die Kirche.
Bernhardt's German Composition, 3.
Botany, 3.
Physics, 2.
Mathematics—Calculus completed, 5.
History—English, 4.
Greek—Plato, 3.
Latin—Tacitus: Selections from Annals, 3.
French—Seventeenth Century Literature, 3.
English—Advanced Composition, 3. Champion Prize Debate, participated in by eight members of the class.
Prize Essay, all members of the class competing except the eight debaters.

JUNIOR YEAR.

FALL TERM.

English—History of English Literature. The Drama, 5.
Chemistry—Non-Metallic Elements, 3.
Physics—Recitations—Lectures, and Laboratory work, 4.
History—American, Colonial, or Constitutional, alternate years. Constitutional in 1900, 4.

German—Schiller's Wilhelm Tell; Stein, 3.
French—Seventeenth Century Literature, 3.

SPRING TERM.

Elements of Economic Science, 5.
Chemistry—General and Theoretical, 3.
English—Literature of the 17th and 18th Centuries.
Six Lectures upon Literary Criticism, 4.
Physics—Recitations, Lectures, and Laboratory Work, 4.
German—Goethe's Hermann und Dorothea; Bernhardt's German Composition, 3.
Latin—Plautus: The Menæchmi. Terence: Phormio.
French—Nineteenth Century Poetry, 3.

SUMMER TERM.

Psychology, 2.
Elocution—Class and individual drill, 1.
Chemistry—Qualitative Analysis, 4.
English—Literature of the 19th Century. Original Prize Declamations for Junior Exhibition, 4.
German—Lessing's Nathan der Weise; Bernhardt, 3.
Advanced Economics, 3.
Astronomy, 3.
French—Nineteenth Century Prose, 2.
Geology, 2.

SENIOR YEAR.

FALL TERM.

Psychology (with lectures), 3.
English—Literature of the Nineteenth Century.
Lectures on Literary Criticism, 4.
One essay, Criticism of some standard work of fiction.
History—American Colonial or Constitutional alternate years.
Constitutional in 1900, 4.
Chemistry—Mineral and Organic Analysis, 3.
French, 3.
Geology, 3.
Astronomy, 2.
German, 2.
Zoölogy, 2.

SPRING TERM.

Logic, 5.
English—Critical Study of Chaucer, Skeat's edition.
History of the English Language, 4.
Senior Exhibition Parts.
Chemistry—Quantitative Analysis, 3.
Zoölogy, 3.
Principles of Sociology, 3.
German, 3.
French, 2.

SUMMER TERM.

Elocution—Class and individual drill, 1.
Ethics, 5.
English—Literature of 19th Century, 4. Graduation Parts.
Chemistry—Quantitative Analysis, 3.
Sociology, 3.
French, 3.
German, 2.

After the first year students elect subjects enough to make not less than 15 exercises per week (not including elocution) and not more than 18.

LABORATORIES.

CHEMICAL.

The building of the chemical department is called the Hedge Laboratory, in honor of the late Isaiah H. Hedge, M.D., of Waukon, Iowa, who generously furnished the means for its erection. It is a two-story brick building, finely located, and of attractive modern style. On the first floor are the chemical lecture-room, with rooms adjoining for chemicals and apparatus, and a large room which is soon to be fitted up for advanced work in quantitative analysis. The room for the laboratory work of the class occupies the most of the second floor. It is well lighted, thoroughly ventilated, and conveniently fitted with sinks, hoods, and tables sufficient to accommodate fifty-eight students. A new table, accommodating ten students, was put in during the summer vacation of 1899. Adjoining this room are the weighing and apparatus rooms and the private laboratory of the professor.

The arrangement and appliances of the whole building are in accordance with the most approved plans of modern laboratories. The heating apparatus has just been changed and the building is now thoroughly heated by steam.

PHYSICAL.

During the summer of 1899 the Physical Department was moved from Hathorn Hall to Science Hall—a large, commodious building formerly occupied by the Latin School. The department comprises a well-arranged lecture-room, a large and well-appointed general laboratory, an apparatus room, a dynamo room and workshop, and a dark room. These are conveniently arranged and well furnished for their purposes. The collection of apparatus for lecture purposes and for student laboratory work is rapidly growing. Among the apparatus may be mentioned a Queen electro-dynamometer, alternating current volt-meter, standard resistances, complete X-ray outfit, large Ruhmkorff coil, several motors, 1500 watt dynamo, hand-power dynamo, demonstration lantern with good optical bench, spectroscope with two prisms, and apparatus for wireless telegraphy.

CABINETS.

BOTANICAL.

The nucleus of the Herbarium was gathered many years ago by an enthusiastic botanist, the late Dr. Aaron Young. It contained a representative collection of New England--especially of Maine plants, a part of which was gathered during the State Geological Survey, conducted by the late Dr. Charles T. Jackson. The plants chiefly used now, however, in the identifying of species, are those that have been pressed and mounted in the laboratory and the herbarium of the late President Chadbourne of Williams College, Mass., which was purchased by the College.

Of this Dr. O. R. Willis, a distinguished botanist of New York, has said: "It is one of the best working Herbariums I have ever examined." Besides its collection of New England plants, including the grasses, sedges, ferns, etc.,—in all about two thousand specimens, it has several groups of ferns from other countries, also pretty full collections of mosses and lichens, named by the highest authorities, and more than a thousand fungi. There are collections of the plants of New Jersey, Tennessee, and Florida, also from several foreign countries, illustrating the identity of many families in Europe and America. There are also collections from Greenland, Labrador, and the tropics, and mountain flora from the Rocky Mountains, the White Mountains, and the Alps. There are also some fifteen hundred duplicates. These are in cabinets of the most approved construction.

MINERALOGICAL.

The cabinet of minerals, shells, and fossils occupies a large room on the second floor of Science Hall. The collection is conveniently arranged and is steadily growing. No attempt is made to secure showy shelf specimens of great cash value. Educational value is the only thing considered. All the common minerals, and many of those of rare occurrence, are fully represented by typical specimens. It is intended to make the collection of local minerals as complete as possible. Among the shells and fossils are many choice specimens.

ORNITHOLOGICAL.

The ornithological collection contains mounted specimens of nearly all the New England birds, besides many from other parts of the United States and from foreign countries. In all there are about a thousand specimens.

LIBRARIES.

The number of volumes in the different libraries is as follows:

College Library (exclusive of pamphlets),	18,766
Divinity School Library,	3,750
Eurosophian Society Library,	609
Total,	23,125

The College Library has been selected with special reference to the needs of the several departments. It is composed mainly of modern publications, and contains many important works of reference. It is increased each year by a regular appropriation. It is open six hours a day for consultation and the delivery of books.

UNIVERSITY EXTENSION.

Members of the Faculty are prepared to give lectures upon subjects in Science, Literature, Philosophy, History, Economics, Sociology, and Pedagogy. Particulars can be learned by correspondence with the President, or the secretary of the Faculty.

PHYSICAL CULTURE.

The medical advisers give each student a thorough physical examination during the first term of attendance at college. From the measurements and strength tests taken, a chart is made out for each student, showing his size, strength, and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. A handbook containing the exercises prescribed for the correction of any physical defects shown by his chart, and giving specific directions in regard to diet and bathing, is furnished each student.

When any student is found defective in vision, he receives from one of the college oculists the specific treatment that his case may require.

During the latter part of the fall and all of the winter term each class is required to exercise in the Gymnasium, under the supervision of the Director, for one hour on four days of every week. A graded course of class exercises has been arranged.

The Freshmen have developing exercises, military drill, and Indian-club swinging; the Sophomores, boxing, wrestling, and dumb-bell drill; the Juniors, fencing with single sticks and broadswords.

Gymnasium work for the Seniors is optional. For the exercises with chest-weights, bar, rings, etc., each class is divided into divisions, and the work is carefully graded to suit the strength of each division.

The young ladies' work consists of fancy steps, Swedish movements, wand, Indian-club, and dumb-bell exercises; also special work on developing appliances. Basket-ball, bowling, etc., are played two or three times a week.

The Gymnasium is steam heated and equipped with the apparatus necessary for the thorough and systematic training and development of the human body. This apparatus is new and of the most approved modern pattern. In the basement of the Gymnasium are convenient bath-rooms, provided with lockers, hot and cold water, dip baths, shower baths, etc.

Eight fine tennis courts offer abundant opportunity for this healthful game.

ATHLETIC FIELD.

The new Garcelon Athletic Field has been completed, and is considered one of the best in New England. The field, surrounded by a fence, is seven acres in extent and constructed at an expense of over $6,000. It contains a quarter-mile track, two hundred and twenty yard straight-away, take-offs for the jumps and pole vault, foot-ball field, base-ball diamond, and three excellent tennis courts.

RELIGIOUS EXERCISES.

At the close of each morning recitation all the students, with the Faculty, assemble in the chapel for prayer, reading of scripture, and singing. The Students' Christian Associations—Young Men's and Young Women's—hold a union meeting every Wednesday evening, in the Association room, from 6.30 to 7.15 o'clock. The Y. M. C. A. also hold a meeting Sunday mornings from 9.30 to 10 o'clock. Voluntary classes for Bible study are carried on through the year. The prayer-meetings of the Y. W. C. A. are on Mondays from 6.30 to 7.15 P.M.

The methods employed are successful in making the meetings varied, attractive, earnest, and spiritual. One meeting each month is devoted to some phase of missionary work.

In addition to these, weekly class prayer-meetings are held and are usually well attended.

The last Thursday in January is observed as "The Day of Prayer for Colleges," and is set apart entirely for meetings with a religious purpose. A sermon, to which the public is invited, is preached in the chapel at 2.30 P.M. It is hoped that Christian friends of the College generally will remember this day.

READING-ROOM.

The College has a Reading-Room, independent of the Library, supplied with a large number of the best daily and weekly newspapers, monthlies, and quarterlies. It is kept open during the whole day.

COLLEGE MAGAZINE.

The *Bates Student* is published monthly under the direction of the Editors and Managers selected from the Junior Class. The first number was issued January, 1873.

LITERARY SOCIETIES.

The College has no secret societies. It is doubtless owing largely to this fact that all the students unite with an earnest and wholesome interest in the support of the three literary societies, the EUROSOPHIAN, POLYMNIAN, and PIÆRIAN. The last is a new society, organized in the spring term of 1897. Much systematic work is devoted to preparation for the weekly meetings, which are held on Friday evenings, and are occasions not merely of social pleasure, but of most useful drill.

The programmes contain assignments that encourage musical culture, literary criticism, and essay writing.

The meetings afford thorough discipline in debate and in the proper conducting of deliberative assemblies, together with a stimulus to excellence in these attainments that to many is an educating force rarely found in colleges, and hardly second in utility to any department of the curriculum.

YEARLY EXPENSES.

Tuition,	$50.00	$50.00
*Room Rent,	9.00 to	18.00
Board (37 weeks, from $2.00 to $3.00 per week),	74.00 to	111.00
Fuel, lights, washing, books, etc.,	30.00 to	35.00
Use of Library,	3.00	3.00
Incidentals and Repairs,	8.00	10.00
Catalogues,	1.00	1.00
Instruction in Gymnasium,	3.00	3.00
Total,	$178.00	$231.00

Students taking Laboratory courses in Chemistry and Physics are charged an extra fee of five dollars each term.

The Freshmen pay a fee of one dollar for their medical examination, chart, and hand-book.

Board in private families (washing, wood, etc., included), $4.00 to $5.00 per week. Students are advised in regard to selecting their rooms and boarding places, and after the selection is made are not expected to change without consulting the Committee on Attendance.

College bills for the Fall Term must be paid by October 15th, and for the Spring Term by March 1st. Students unable to pay their bills on or before the above dates are required promptly to present to the Faculty in writing their reasons why further time is necessary. Bills for the Summer Term must be paid by May 16th. Requests for an extension of time beyond this date must be made in writing to the College Treasurer.

RANK BILLS.

These are sent to the parent or guardian of each student at the close of every term.

DEGREES.

The Degree of Bachelor of Arts is conferred on all students who complete satisfactorily the full course of study.

The Degree of Bachelor of Science is conferred upon those who have not offered Greek at their entrance examinations and have pursued a full course of study appropriate to the degree.

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* In Parker Hall suites of rooms, accommodating two or more students, and heated by steam, cost from $30 to $60 a year.

The Degree of Master of Arts is conferred on graduates of the College of at least three years' standing who have completed one year's graduate non-professional study or its equivalent. Either two or three subjects may be selected, with the advice and under the direction of the heads of the College departments. Evidence of proficiency is to be given by examination and thesis. Theses must be presented and fee paid as early as June 1st, and final examinations must be passed not later than ten days before the annual Commencement. The fee is $10.00. Modifications of the foregoing conditions may be granted resident graduates.

BUILDINGS.

The College has seven buildings—Hathorn Hall, Parker Hall, Hedge Laboratory, Science Hall, Roger Williams Hall, Gymnasium, and President's House.

Work upon a Library building was begun October 1, 1900. It is expected that the building will be completed and ready for occupancy by the opening of the Fall term of 1901.

EXAMINATIONS.

All the classes are subjected to written examinations at the close of each term.

NEEDS.

Funds are needed for increased endowment, for Professorships, Scholarships, and the Library, and for the erection of a Hall for the young ladies of the College.

The following are some of the grounds on which the College solicits aid:

1. To a large number of young men and young women it offers their sole reasonable hope for obtaining a liberal education.

2. It is recruiting the ranks of educators, East, South, and West, with a body of scholars and teachers of signal ability and influence.

3. No college in the country has been more successful in securing character as well as scholarship.

4. The work of the College has no taint of sectarianism.

5. The location of the College seems the best possible for its usefulness. It can gather young men and young women of small

means but of great promise, and can give them the New England culture of heart and mind to be used for the good of our entire country.

6. It took up the cause of higher education for women when it was unpopular.

7. Nowhere in our country is there a more vital connection between every dollar to educational work and the forces that are shaping our Christian civilization.

The College is in sore need of a larger endowment. $25,000 will endow a professorship. It is painfully embarrassed by the small number of its scholarships. $1,000 will endow a perpetual scholarship.

FORM OF A BEQUEST.

"I give and bequeath to the President and Trustees of Bates College, a corporation existing in Lewiston, Maine, the sum of————dollars, in trust, the principal of said sum to be safely invested by them, and the income thereof appropriated under their direction for the purposes of the College."

SCHOLARSHIPS.

State Scholarships.

There are ten State Scholarships (giving tuition to ten students) in the hands of the Governor; and in bestowing them preference is given to the children of those who have borne arms in defense of their country, and always to students who are needy and meritorious.

Each of the following scholarships has been endowed by a donation of one thousand dollars, and it gives free tuition to the student elected to hold the scholarship:

Redington Scholarship—For a Lady Student.

Endowed by the late Hon. Asa Redington, LL.D., of Lewiston. This is supposed to be the first instance of such an appropriation in any of the colleges.

Dudley Scholarship.

Endowed by Alvin D. Dudley, Esq., of Haverhill, Mass.

Cheney Scholarship—For a Student from New Hampshire.

Endowed by Hon. Person C. Cheney, A.M., of Manchester, New Hampshire.

Woodman Scholarship.

Endowed by the Paige Street Free Baptist Church, Lowell, Mass., in memory of Rev. Jonathan Woodman, late pastor of the church.

Symonds Scholarship.

Endowed by the Plymouth Free Baptist Church, Portland, in memory of Joseph Symonds, Esq., deacon of the church.

Clements Scholarship.

Endowed by the late Rev. Tisdale D. Clements of Lewiston.

Bridge Scholarship.

Endowed by Charles Bridge, Esq., of Gardiner.

Lewis Scholarship.

Endowed by the late Chace Lewis, Esq., of Providence, R. I.

Class Scholarship.

Endowed by the Class of 1877.

Bartlett Scholarship.

Endowed by the Main Street Free Baptist Church, Lewiston, in memory of Rev. Flavel Bartlett.

Bowen Scholarship.

Endowed by Mrs. Hannah Bowen, in memory of Nathaniel Bowen, Esq., of Providence, R. I.

Cobb Scholarship.

Endowed by the late Hon. C. C. Cobb of Lewiston, in memory of his son, Rev. Frank Woodbury Cobb, A.M., Class of 1873.

Houghton Scholarship.

Endowed by the late Rev. Alphonso L. Houghton, A.M., of Lawrence, Mass., Class of 1870.

Randall Scholarship.

Endowed by Mrs. Abby Randall, in memory of Isaac Randall, Esq., of Johnston, R. I.

Williamson Scholarship.

Endowed by Elias W. Williamson, Esq., Potter's Landing, Md., in memory of his father, Rev. Stephen Williamson of Stark.

Quinnum Scholarship.

Endowed by Mrs. James B. Hobbs of Chicago, Ill., in memory of her father, Rev. Constance Quinnum.

Eaton Scholarship.

Endowed by Mrs. Oliver H. Durrell of Cambridge, Mass., in memory of her father, Rev. Ebenezer G. Eaton of Lewiston.

Baldwin Scholarship.

Endowed by the late B. C. Baldwin, Esq., of Lowell, Mass., in memory of his wife.

Bonney Scholarship.

Endowed by Mrs. Harriet Cheney Bonney and Sherman G. Bonney, M.D., in memory of Calvin F. Bonney, M.D., of Manchester, N. H.

Frye Scholarship.

Endowed by Hon. William P. Frye, LL.D., of Lewiston.

Nutting Scholarship.

Endowed by the late Lyman Nutting, Esq., of Lebanon, Pa., in memory of his sister, Mrs. Charlotte Nutting Chadbourne.

Ellis Scholarship.

Endowed by Miss M. A. Wales of Boston, Mass., in memory of her pastor, Rev. Rufus Ellis, D.D.

Talpey Scholarship.

Endowed by Hon. Charles W. Talpey of Farmington, N. H.

Thissell Scholarship.

Endowed by Mrs. Abby T. Deering of Portland, in memory of Hon. John Thissell of Corinth.

Ward Scholarship.

Endowed by Mrs. Mary E. Ward, in memory of her husband, Warren Ward, Esq., of Auburn.

Bean Scholarship.

Endowed by Cyrus E. Bean, Esq., of Portland, in memory of his father, Cotton Bean, Esq., of Limerick.

Small Scholarship.

Endowed by James T. Small, Esq., of Lewiston, in memory of his son, Everett J. Small, Class of 1889.

Dyer Scholarship.

Endowed, for the benefit of some student preparing for the Christian ministry, by Mrs. Irene M. Higgins, in memory of her parents, Mr. and Mrs. Jonah Dyer of Cape Elizabeth.

Cushman Scholarship.

Endowed by Ara Cushman, Esq., of Auburn.

Page Scholarship.

Endowed by Peter Page, Esq., of New York City.

Ramsey Scholarship.

Endowed by Mrs. V. G. Ramsey of North Berwick, in memory of her husband, Rev. G. P. Ramsey.

Mathews Scholarship.

Endowed by John M. Mathews, Esq., of Burlington, Vt., in memory of his daughter, Orissa Frances Mathews.

Perkins Scholarship.

Endowed by Mrs. Moses W. Shapleigh of Ashland, N. H., in memory of her father, Rev. Thomas Perkins.

Woodbury Scholarship.

Endowed by friends of the late Charles Woodbury of Boston, for the benefit of some Methodist student.

Harmon Scholarship.

Endowed by the late Ivory W. Harmon of Newton Center, Mass., in memory of his son, Wallace Ivory Harmon.

Mary L. Stone Scholarship.

Endowed by James S. Stone of Boston, Mass., in memory of his wife.

Jordan Scholarship.

Endowed by Merrill Page and Emily Deering Jordan, in honor of Rev. Zachariah and Sabrina Page Jordan.

Clapp Scholarship.

Endowed by Lucius Clapp, Esq., of Randolph, Mass.

Weber Scholarships.

The Trustees, under the will of the late Frederick E. Weber of Boston, Mass., have given five thousand dollars for the maintenance of Weber Scholarships, for the benefit of needy and deserving students at Bates College. It is a condition of the gift that one-half of the income shall be added to the principal year by year; and that the remaining half only shall be used for the support of the said scholarships.

Lovina Haines Haskell Scholarship.

Endowed by Edwin B. Haskell of Boston, Mass.

Fiske Scholarship.

Endowed by Miss Elizabeth S. Fiske of Boston, Mass.

Waldron Fund.

Given by Rev. William H. Waldron of Farmington, N. H., the interest to pay the tuition of students studying for the Christian ministry.

Bradstreet Fund.

Mr. William W. Bradstreet of Gardiner, Me., has just established a Trust Fund of $2,000, the income of which is to be used for the benefit of deserving students, under the direction of the President of the College, and in accordance with certain conditions specified in the trust.

Student Fund.

Students contemplating the Christian ministry receive assistance every year of the course.

PRIZES.

Prizes will be awarded as follows:

First—For General Scholarship.

To the Junior Class—Two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

To the Sophomore Class—Two prizes of EIGHT DOLLARS each, one to a young man and one to a young woman.

To the Freshman Class—Two prizes of SIX DOLLARS each, one to a young man and one to a young woman.

Second—For Excellence in Declamation.

In the Fall Term—To the Freshman Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the Spring Term—To the Sophomore Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the Summer Term—To the Junior Class, a prize of TWENTY DOLLARS, for excellence in original declamation. Also for several years a special prize of SEVENTY-FIVE DOLLARS has been given for original declamation.

Third—For Excellence in English Composition.

In the Summer Term—To the Sophomore Class, a prize of TEN DOLLARS.

Fourth—For Excellence in Public Debate.

Fall Term—To each division of the Sophomore Class, a prize of TEN DOLLARS.

Summer Term—The Champion Debate—A prize of TWENTY DOLLARS. Eight are elected from the Sophomore Class to participate in it.

Hon. F. M. Drew gives annually two prizes of TWENTY-FIVE DOLLARS each for excellence in team debate.

For the past year prizes have been awarded as follows:

For General Scholarship—To Herbert S. Guptill, Josephine B. Neal, Arthur E. Darling, Bessie D. Chase, Theodore A. Lothrop, Lillian A. Norton.

For Public Declamation—1899, to Robert A. Brown, Julia E. Babcock; 1900, to Albert K. Baldwin, Abbie L. Merriman.

For English Composition—1900, to Annette M. Goddard.

For Original Declamation—1900, to Leo C. Demack, Bertha L. Irving.

For Public Debate—1899, to Julia E. Babcock, Elmer E. Daicey, Arthur E. Darling, John A. Hunnewell, Helen Knowlton, Georgiana Lunt.

For Champion Debate—1900, to Arthur E. Darling.

For Original Essay—1900, to Bessie V. Watson.

STUDENTS.

SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Bachelder, Willard Kezer,	*East Winthrop.*	H. H.
Bailey, Annie Eugenia,	*Gray.*	227 College Street.
Bennett, Mae Seeley,	*Lubec.*	262 College Street.
Besse, Bertha Amanda,	*Auburn.*	35 Academy Street, Auburn.
Blanchard, Delia Mae,	*Abbot Village.*	74 Nichols Street.
Bragg, Jessie Sumner,	*St. Albans.*	11 P. H.
Brett, Bertha Mabelle,	*Auburn.*	137 Spring Street, Auburn
Cartland, Alice M.,	*Lewiston.*	195 Oak Street.
Channell, Ralph Walter,	*Lewiston.*	79 Webster Street.
Chick, Arthur Jesse,	*Madrid.*	17 P. H.
Clark, Arthur Charles,	*Berwick.*	111 Wood Street.
Davis, Eben Frank,	*Auburn.*	Auburn.

Demack, Leo Charles,	*Lewiston.*	94 Howe Street.
Dennison, Martha Ella,	*West Paris.*	247 College Street.
Dow, Mittie Anna,	*East Newport.*	256 College Street.
Ellingwood, William Henry Swift,	*Mechanic Falls.*	10 Arch Avenue.
Estes, Nina Theresa,	*Lewiston.*	52 Howe Street.
Fisher, Anna Hortense,	*Lewiston.*	75 Elm Street.
Goddard, Annette May,	*Portland.*	195 Oak Street.
Goss, Ralph Warren,	*Lewiston.*	60 Wood Street.
Guptill, Herbert Samuel,	*Berwick.*	141 Nichols Street.
Ham, William Ross,	*Lewiston.*	141 Nichols Street.
Hicks, Maleen Peabody,	*Westbrook.*	247 College Street.
Holmes, William King,	*South Paris.*	43 P. H.
Irving, Bertha Lorea,	*Oakland.*	Summer Street, Auburn.
Jordan, Elwyn Knowlton,	*Lewiston.*	24 Frye Street.
Landman, Nina Floretta,	*Townshend, Vt.*	33 Russell Street.
Libbey, Gertrude Brown,	*Lewiston.*	128 Sabatis Street.
Libby, Caroline Emily,	*Pittsfield.*	235 College Street.
Marr, William Middleton,	*Westerly, R. I.*	45 P. H.

Mills, Harriett Bagnall,	*Lewiston.*	115 Lisbon Street.
Moore, Harry Leroy,	*Northborough, Mass.*	35 P. H.
Moulton, Percy Daniel,	*Lewiston.*	99 College Street.
Neal, Josephine Bicknell,	*Lewiston.*	428 Main Street.
Noyes, Blanche Belle,	*Lewiston.*	714 Main Street.
Osborne, Florence Eldora,	*Lewiston.*	167 Holland Street.
Parker, Ezra Steeves,	*Moncton, N. B.*	27 R. W. H.
Parker, Louise Lester,	*Auburn.*	255 Main Street, Auburn.
Pierce, Walter Blake,	*Lewiston.*	88 Wood Street.
Rand, Vernie Elmer,	*Dexter.*	15 P. H.
Roberts, Richard Sewall Woodbury,	*Dover, N. H.*	R. W. H.
Roys, Lincoln,	*Lewiston.*	88 Russell Street.
Small, Flora Belle,	*West Bowdoin.*	33 Russell Street.
Small, Lucy Jane,	*Lisbon Falls.*	148 Nichols Street.
Smith, Harry Ira,	*Newport.*	39 P. H.
* Stevens, Edward Synnott,	*Five Islands.*	19 R. W. H.
Stevens, Harold Elmer Ellsworth,	*Lewiston.*	374 Main Street.
Stuart, Herman Harry,	*South Paris.*	43 P. H.

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* Deceased.

Swain, Edith L.,	*Laconia, N. H.*	173 Wood Street.
Towle, Lena Belle,	*Lewiston.*	157 Holland Street.
Towne, Charlotte Gertrude,	*Auburn.*	358 Main Street, Auburn.
Trickey, Harold Albert Mariner,	*Charleston.*	36 P. H.
Varney, Bertha May,	*Bowdoinham.*	437 Main Street.
Vickery, Ethel Belle,	*Pittsfield.*	154 College Street.
Wagg, Frank Perley,	*Lewiston.*	H. H.
Wheeler, Carlon Eugene,	*Berlin, Mass.*	35 P. H.
Williams, Leroy Everett,	*Bowdoinham.*	45 P. H.
Wilson, Joseph Edward,	*Yarmouth, N. S.*	21 R. W. H.

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JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Allen, Clara Frances,	*Leominster, Mass.*	32 Frye Street.
Ames, Florence Sophia,	*Lewiston.*	70 Elm Street.
Babcock, Julia Emma,	*Lewiston.*	115 Wood Street.
Bemis, Elwin Rynell,	*Dexter.*	13 P. H.
Blake, Harry Alfred,	*Dexter.*	40 P. H.
Blanchard, Lucian William,	*Rumford Falls.*	13 P. H.
Brown, Robert Alpheus,	*Bowdoin Center.*	141 Nichols Street.
Chase, Bessie Dyer,	*Lewiston.*	16 Frye Street.
Childs, Earle Alfred,	*East Dixfield.*	46 P. H.
Clason, Ernest Fairlie,	*Lisbon Falls.*	39 P. H.
Daicey, Elmer Eugene,	*Auburn.*	109 Summer Street, Auburn.
Darling, Arthur Edwin,	*Auburn.*	210 Main Street, Auburn.
Day, Francena Bertha Rust,	*Auburn.*	80 Dunn Street, Auburn.
Dean, Ethel Mae,	*South Paris.*	150 College Street.

Deane, Lewis James,	*Lewiston.*	417 Main Street.
Densmore, Willis Andy,	*Kennebunk.*	151 Nichols Street.
Dexter, Arthur Lewis,	*Lowell, Mass.*	12 P. H.
Donnocker, Charlie Fletcher,	*Melrose Highlands, Mass.*	9 P. H.
Drake, Mabel Edith,	*Auburn.*	7 Parker Street, Auburn.
Drake, Willard Melvin,	*Auburn.*	7 Parker Street, Auburn.
Everett, Philip Revere,	*East Poland.*	19 P. H.
Felker, Ivan Isaiah,	*Pittsfield.*	11 P. H.
Field, Bertha Sarah,	*Auburn.*	Park Avenue, Auburn.
Gosline, Edna Mae,	*Sussex, King's Co., N. B.*	262 College Street.
Hamlin, John Frederick,	*Bangor.*	18 P. H.
Harrington, Virgil DeWitt,	*Whitefield, N. H.*	9 P. H.
Holman, George Shaw, Jr.,	*Dixfield.*	15 P. H.
Hunnewell, John Arthur,	*Scarborough.*	7 P. H.
Kimball, Lucy Florence,	*Newburyport, Mass.*	262 College Street.
Knowlton, Helen,	*Farmington.*	190 College Street.
Leggett, Lillian Gertrude,	*Northborough, Mass.*	87 Wood Street.
Lodge, James Alexander,	*Manchester, Mass.*	8 P. H.

Long, Flora Estella,	*Auburn.*	46 Whitney Street, Auburn.
Lunt, Georgiana,	*Auburn.*	204 Cook Street, Auburn.
Manuel, Ida Mae,	*Franklin Falls, N. H.*	262 College Street.
McCleary, Alfred Elwood,	*Maynard, Mass.*	8 P. H.
McCollister, Philena,	*Lewiston.*	103 College Street.
McLean, Ernest Llewellyn,	*Augusta.*	40 P. H.
Merrill, Annie Louisa,	*Gardiner.*	87 Wood Street.
Merry, Bion Corydon,	*East New Portland.*	40 Mountain Avenue.
Miller, Edith Mae,	*Camden.*	84 College Street.
Moody, Frank Benjamin,	*North New Portland.*	7 P. H.
Ohol, Augustine Deo,	*Rahuri, Hindustan.*	239 College Street.
Park, Clarence Ernest,	*Lyndon Center, Vt.*	18 P. H.
Pettingill, Ruth Eugenia,	*Curtis Corner.*	81 College Street.
Pomeroy, Ray Eugene,	*Lewiston.*	164 Holland Street.
Purinton, Angie Lois,	*Montsweag.*	247 College Street.
Purinton, Evelyn Achsah,	*Bowdoinham.*	13 Skinner Street.
Richmond, Mabel Arnold,	*Monmouth.*	247 College Street.
Roys, Edville Adalas,	*Lewiston.*	85 Russell Street.

Russell, Ethel Almeda,	*Auburn.*	53 Fifth Street, Auburn.
Sawyer, Samuel Ellison,	*Lewiston.*	18 P. H.
Shea, Katharine Lola,	*Lewiston.*	93 Main Street.
Staples, Amy Metcalf,	*Lewiston.*	487 Main Street.
Sullivan, Walter Edward,	*Oakland.*	147 Oak Street.
Summerbell, Laura,	*Eddytown, N. Y.*	262 College Street.
Thompson, Grace Ellen,	*Stratham, N. H.*	262 College Street.
Truell, Hattie Pearl,	*Northborough, Mass.*	87 Wood Street.
Tryon, Arthur William,	*Auburn.*	15 Oak Street, Auburn.
Tucker, Ellie Louise,	*Athens.*	370 College Street.
Wall, Erastus Lewis,	*Rockport.*	21 P. H.
Watson, Bessie Vara,	*West Somerville, Mass.*	247 College Street.
Watts, Susie Frances,	*Littleton Common, Mass.*	262 College Street.
Wheeler, Margaret Elizabeth,	*Wayland, Mass.*	262 College Street.

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SOPHOMORE CLASS.

NAME.	RESIDENCE.	ROOM.
ADAMS, WALTON SAMUEL,	*Bowdoinham.*	411 Main Street.
ALEXANDER, CARRIE MAUDE,	*Litchfield Corner.*	44 Cottage Street.
ALLEN, CHARLES PLUMMER,	*Columbia Falls.*	37 P. H.
AVERY, NELLIE BELLE,	*Colchester, Conn.*	11 Frye Street.
BABCOCK, ERVIN NEHEMIAH,	*Lewiston.*	115 Wood Street.
BAILEY, LOWELL ERNEST,	*North Anson.*	30 S. H.
BALDWIN, ALBERT KILBURN,	*Taunton, Mass.*	17 R. W. H.
BARTLETT, GRACE ETTA,	*Dixfield.*	33 High Street, Auburn.
BEEDY, CARROL LINWOOD,	*Lewiston.*	2 Davis Street.
BRADFORD, HARRY LEWIS,	*Newport.*	60 Middle Street.
BRAGG, IRVING ORISON,	*St. Albans.*	11 P. H.
BROWN, ARTHUR COLWELL,	*East Poland.*	19 P. H.
BROWN, HARRY ALVIN,	*Liberty.*	100 Elm Street.
BUCKNAM, NATHAN CARLTON,	*Columbia Falls.*	37 P. H.

Casson, Fred Ray,	*Lewiston.*	146 Oak Street.
Catheron, Robert Scott,	*Manchester-by-the-Sea, Mass.*	29 P. H.
Chase, Bertha Emma,	*Auburn.*	98 Spring Street, Auburn.
Clark, Anna Louise,	*Exeter, N. H.*	142 College Street.
Coolidge, Charles Wilson,	*Lisbon Falls.*	41 P. H.
Cornforth, Edna,	*Norridgewock.*	49 Fern Street, Auburn.
Cumner, Guy,	*Lewiston.*	111 Pine Street.
Donham, Hazel,	*Hebron.*	262 College Street.
Elkins, Leon Whitney,	*Jackson, N. H.*	29 High Street.
Felker, Annie Etta,	*Strafford Corner, N. H.*	403 Main Street.
Fisher, Olive Grace,	*Lewiston.*	35 High Street.
Foss, Irving Cressey,	*Strafford Corner, N. H.*	29 High Street.
Freeman, Lucy Louise,	*West Gray.*	227 College Street.
Fuller, Carl Spencer,	*Lewiston.*	421 Main Street.
Given, Jane Mary,	*Bowdoinham.*	148 Nichols Street.
Hammond, Frank Merton,	*Lincoln.*	34 P. H.
Harris, Peter Alexander,	*Glasgow, Scotland.*	350 Lisbon Street.
Hathorn, Laforest Joseph,	*Pittsfield.*	94 Nichols Street.

Hicks, Charles Ernest,	*Danville Junction.*	123 Spring Street, Auburn.
Higgins, Everett Clifton,	*Clinton.*	113 Wood Street.
Howes, Allison Prince,	*Hartland.*	17 Frye Street.
Hunt, Ralph Leslie,	*Gardiner.*	14 P. H.
Jennings, Hulbert Randall,	*Bowdoinham.*	411 Main Street.
Jordan, Clarence Lorine,	*New Portland.*	94 Nichols Street.
Jordan, Theresa Ella,	*Auburn.*	7 Forest Avenue, Auburn.
Junkins, John Chester,	*York Corner.*	25 P. H.
Kelly, Howard Clinton,	*Saco.*	133 College Street.
Kendrick, Katherine Howe,	*Litchfield Corner.*	87 Elm Street.
Kendrick, Susie May,	*Litchfield Corner.*	87 Elm Street.
Keyes, William Wheeler,	*Litchfield Plains.*	46 P. H.
Knowles, Ralph Louis,	*Lewiston.*	100 Elm Street.
Lord, Norris Samuel,	*Limerick.*	49 P. H.
Lord, Harriet,	*Auburn.*	
Lothrop, Theodore Aubrey,	*Lewiston.*	52 Wood Street.
Maerz, Alexander,	*Lewiston.*	179 Oak Street.
Merriman, Abbie Lord,	*Litchfield.*	262 College Street.

Miller, Frances Augusta,	*Lewiston.*	6 Frye Street.
Munro, Daniel Colon,	*Gardiner.*	29 P. H.
Murphy, James Joseph,	*Brockton, Mass.*	56 Middle Street.
Nichols, Roger William,	*West Epping, N. H.*	163 Lisbon Street.
Norton, Lillian Alice,	*Lewiston.*	30 Elm Street.
Nutter, Harry Hayes,	*Corinna.*	118 Wood Street.
Pingree, Clara Bearce,	*Lewiston.*	17 Wakefield Street.
Piper, John Obed,	*Bingham.*	34 P. H.
Pray, James Edwin,	*Gardiner.*	14 P. H.
Prince, Nellie Louise,	*New Boston, N. H.*	403 Main Street.
Purinton, Emery Healy,	*West Bowdoin.*	145 Nichols Street.
Putnam, Vivian Bowen,	*Lewiston.*	15 Skinner Street.
Ramsdell, George Edwin,	*East Hebron.*	38 P. H.
Sanderson, Burton Willard,	*East Waterford.*	44 P. H.
Sawyer, Carl Dore,	*Auburn.*	399 Court Street, Auburn.
Sharp, Alberta Eleanor,	*Lewiston.*	83 Lowell Street.
Smith, Linneon Rose,	*Winchendon, Mass.*	262 College Street.
Stebbins, George Edwin,	*Shelburne Falls, Mass.*	30 S. H.

Stone, Fred Linwood,	*Auburn.*	19 P. H.
Stratton, Bertha Mae,	*Auburn.*	63 Winter Street, Auburn.
Tasker, Marion Emma,	*Randolph.*	226 College Street.
Thayer, Harold Hamilton,	*Paris.*	173 Wood Street.
Towle, Jeanne May,	*Woolwich.*	247 College Street.
Towne, Harry Merritt,	*East Parsonsfield.*	23 P. H.
Tozier, Delmont,	*Solon.*	25 P. H.
Trufant, Lester Hall,	*Auburn.*	Park Avenue, Auburn.
Wardwell, Leon Alta,	*Paris.*	162 College Street.
Wellman, Edward Francis,	*Lewiston.*	87 Howe Street.
Williams, Annie Evelyn,	*Topsham.*	247 College Street.
Williams, Clara Horton,	*West Bowdoin.*	247 College Street.
Witham, Raymond Lee,	*Lisbon Falls.*	8 Avery Street, Lisbon Falls.

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FRESHMAN CLASS.

NAME.	RESIDENCE.	ROOM.
Allen, James Garfield,	*Turner.*	349 College Street.
Austin, Nelson Kenneth,	*Danville Junction.*	77 Horton Street.
Baldwin, Harold Lyman,	*East Orange, N. J.*	18 Frye Street.
Barker, Abby Louise,	*Wayne.*	85 Nichols Street.
Billings, Lucy Mae,	*Eastbrook.*	211 College Street.
Bradford, Edith Clare,	*North Paris.*	33 Russell Street.
Bray, Bessie Leila,	*Auburn.*	69 James Street, Auburn.
Bray, Emma Adeline,	*Auburn.*	69 James Street, Auburn.
Briggs, Judson Carrie,	*Caribou.*	42 P. H.
Bryant, Daniel Leslie,	*North Leeds.*	38 P. H.
Carrow, Mae Helena,	*Auburn.*	1 Manley Street, Auburn.
Carville, Elbert Guy,	*Sabattus.*	At Home.
Casey, Daniel Edward,	*Auburn.*	37 Loring Avenue, Auburn.
Cheney, Morton Mead,	*Concord, N. H.*	17 Frye Street.

Cole, Perley Llewellyn,	*Harrison.*	23 P. H.
Cooper, Bessie Cora Helena,	*Houlton.*	75 Elm Street.
Crimmin, Harry Norman,	*Eastbrook.*	211 College Street.
Crocker, Francis Benjamin, Jr.,	*Nahant, Mass.*	52 P. H.
Curtis, William Hiram,	*Bowdoinham.*	411 Main Street.
David, John Archer,	*Chelsea, Mass.*	694 Main Street.
Davis, Sara Maude,	*Foxcroft.*	262 College Street.
Day, Wesley Chester,	*Auburn.*	80 Dunn Street, Auburn.
Dennett, Tyler Wilbur,	*Pascoag, R. I.*	8 Mountain Avenue.
Dresser, Harriette May,	*Lewiston.*	487 Main Street.
Dunfield, Frank Freeman,	*Medford, Mass.*	9 R. W. H.
Edgcomb, Harry Loring,	*Kennebunk.*	151 Nichols Street.
Flanders, Jesse Knowlton,	*Franklin Falls, N. H.*	160 Wood Street.
Fortier, Harry Earl,	*Turner Center.*	349 College Street.
Frost, Alice Imogene,	*Norway.*	247 College Street.
Garland, Ernest Charles,	*Lyndon Centre, Vt.*	21 High Street.
Gay, Merritt Brackett,	*Bethel.*	
Goddard, Harriet Elmira,	*Independence, Kansas.*	181 Oak Street.
Gould, Merritt Elsworth,	*East Livermore.*	227 College Street.

Green, Ruby Luella,	*Hodgdon.*	139 College Street.
Hanson, Ida Winslow,	*Lewiston.*	176 Pine Street.
Harmon, George Henry,	*Brunswick.*	40 S. H.
Haskell, Frank Irving,	*Auburn.*	99 South Main Street, Auburn.
Hayes, Robert Hunter,	*Lewiston.*	10 Hammond Street.
Hodgson, Florence Ethel,	*Lewiston.*	194 Bates Street.
Holman, Ernest Marshall,	*South Carthage.*	28 S. H.
Hovey, Hazel Marion,	*Augusta.*	262 College Street.
Lane, Earl Carlton,	*Livermore Falls.*	10 Arch Avenue.
Lewis, Albion Bayard,	*Springfield.*	42 P. H.
Luce, Milton Leroy,	*New Vineyard.*	28 S. H.
Luckenbach, Harvey Anson,	*South Monmouth.*	33 R. W. H.
Lugrin, Bessie Atherton,	*Lewiston.*	122 Sabattus Street.
McCusick, Carroll Lee,	*Lewiston.*	11 Mountain Avenue.
Mason, Sarah Eunice,	*Bethel.*	149 College Street.
Maxim, Alton True,	*South Limington.*	40 S. H.
Milliken, Hattie True,	*Augusta.*	16 Frye Street.
Mitchell, Nelson Stafford,	*Harmony.*	145 Nichols Street.

Moriarty, Nella Irene,	*Carmel.*	28 Howe Street.
Morison, Virabel,	*East Livermore.*	85 Nichols Street.
North, Edna Mae,	*Turner.*	218 College Street.
Parker, Susie Louise,	*Durham.*	247 College Street.
Parkin, Maude Ellen,	*Lisbon Falls.*	311 Main Street.
Parlin, Amber Lorene,	*Auburn.*	274 Court Street.
Pearson, Theodore Carlton, Jr.,	*Madison, N. H.*	4 R. W. H.
Phillips, Eva Ingraham,	*Lewiston.*	159 Pine Street.
Plant, Perley Hollis,	*Denmark.*	160 Wood Street.
Preston, Margaret Lucinda,	*New Hampton, N. H.*	262 College Street.
Reynolds, Elsie Mabel,	*Livermore Falls.*	262 College Street.
Robbins, Bradford Hilton,	*Auburn.*	165 Court Street, Auburn.
Ross, Frank Raymond,	*Charleston.*	36 P. H.
Ross, George Andrew,	*Alexandria, Va.*	134 College Street.
Rounds, Frank Wendell,	*South Paris.*	227 College Street.
Russell, Bessie Lucile,	*Lewiston.*	98 Pine Street.
Sands, Alice Laura,	*Lewiston.*	19 Walnut Street.
Senter, George Adams,	*Windham, N. H.*	24 R. W. H.

Shaw, Warren Spaulding,	*Buckfield.*	60 Wood Street.
Sinclair, John Abbott,	*Stetson.*	145 Nichols Street.
Skinner, Grace Hanson,	*Lewiston.*	174 Pine Street.
Small, Leon,	*West Peru.*	15 P. H.
Smith, Eugene Bernard,	*So. Framingham, Mass.*	51 P. H.
Sturgis, Karl Brooks,	*Auburn.*	137 Court Street, Auburn.
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Wallace, Fred William,	*Sandwich, N. H.*	211 College Street.
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White, Ethelyn Gertrude,	*New Hampton, N. H.*	24 Frye Street.

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Senior Class,	58
Junior Class,	64
Sophomore Class,	81
Freshman Class,	90
Total,	293

H. H.,	Hathorn Hall.	P. H.,	Parker Hall.
R. W. H.,	Roger Williams Hall.		
S. H.,	Science Hall.		

GRADUATES OF 1900.

Avery, Jane Eliza
Ayer, Frank Percy
Baldwin, Lizzie Maud
Beal, Agnes Emilla
Berry, Clara E.
Butterfield, Welbee
Call, Ernest Victor
Catheron, Allison Graham
Chase, Edward Percival
Clason, Silas Oliver
Coffin, Carl Sargent
Dennison, Charles Page
Dresser, Rena Agnes
Dunham, Harry Elmer
Elder, Perley Calvin
Eldredge, William Francis
Emrich, Richard Stanley Merrill
Fairbanks, Emily Leone
Ford, Mary Belle
Foster, Charles Levi
Garlough, Francis Earl
Getchell, Floe Louise
Glidden, Louis Gilman
Griffin, George Llewellyn
Healey, Guy Ernest
Hussey, Carlyle Perry
Jackson, Nelson A.
Johnson, George Herbert
Jones, Albert Mark
Joyce, Alice Hester
Lowe, Arthur Wedgwood
Lowell, Florence Winchester
Ludwig, Mabelle Alice
Manter, George Edward
Marr, Mabel Emery
McCann, Josiah Small
Miller, Ella May
Miller, Frank Henry
Mitchell, Maude Frost
Morse, Ralph Isaiah
Packard, Bertram Everett
Parker, Edith Stone
Perkins, Grace
Powell, Lester Lovett
Proctor, Harriet Davis
Purinton, Royce Davis
Reud, W. Robert
Rich, Alpheus William
Richardson, Dennett Leroy
Robbins, William Alvin
Sears, Blanche Burdin
Skillings, Hattie
Small, Pearl McAllister
Staples, Leroy Gilbert
Stinchfield, Fred Harold
Sturgis, Milton Gorham
Summerbell, Ferris
Summerbell, Grace
Tarbox, Grace Adrianna
Thompson, Florence Ethel
Trask, Clara Maria
True, Bertha Ophelia
Wagg, Howard G.
White, Helen
Whitman, Emerson
Willis, Urban George
Wing, Artemas Ward

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Instructor in Elocution.

* Deceased.

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Bates College

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OF

BATES COLLEGE

LEWISTON, MAINE.

1901-1902

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1901.

CALENDAR 1902

JANUARY.

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CALENDAR.

1901.

Sept. 10—Fall Term begins, ... Tuesday.
Nov. 28—Thanksgiving Day, Holiday, . . . Thursday.
Dec. 6—Fall Term closes, ... Friday.

1902.

Jan. 7—Spring Term begins, ... Tuesday.
Jan. 30—Day of Prayer for Colleges, . . . Thursday.
Feb. 25–March 10—Freshman Preliminary Declamations, 2 P.M.
Prize Division, ... 2 P.M.
March 11–21—Sophomore Debates, ... 2 P.M.
March 28—Spring Term closes, ... Friday.
April 8—Summer Term begins, ... Tuesday.
May 30—Memorial Day, Holiday, ... Friday.
June 18–21—Examination of the College Classes, Wednesday–Saturday.
June 22—Baccalaureate Exercises, . . Sunday, 10.30 A.M.
June 22—Sermon before the College Christian Associations, Sunday, 7.45 P.M.
June 23—Sophomore Prize Debate, . . Monday, 2.30 P.M.
June 23—Junior Exhibition, . . . Monday, 7.45 P.M.
June 24—Annual Meeting of the Alumni, . Tuesday, P.M.
June 24—Class Day Exercises, . . . Tuesday, 2.30 P.M.
June 24—Concert, ... Tuesday, 7.45 P.M.
June 25—Examination for Admission to College, Wednesday, 9 A.M.
June 25—Annual Meeting of the Corporation, Wednesday, 9 A.M.
June 25—Reception to Graduates by Members of the Faculty, Wednesday, 2 to 5 P.M.
June 25—Literary Exercises of the Alumni, Wednesday, 7.45 P.M.
June 26—Commencement, . . . Thursday, 10 A.M.
June 26—Band Concert and Illumination of Campus, Thursday, 8 to 10 P.M.
June 27—President's Reception of the Graduating Class, Friday, 8 P.M.
Sept. 8—Examination for Admission to College, Monday, 2 P.M.
Sept. 9—Fall Term begins, ... Tuesday.
Oct. 20–Nov. 1—Sophomore Preliminary Declamations, 2 P.M.
Prize Division, ... 2 P.M.
Dec. 5—Fall Term closes, ... Friday.

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GENERAL INFORMATION.

FOUNDATION.

Bates College grew out of the Maine State Seminary, chartered in 1855. In 1862 sixteen young men in this school petitioned the Trustees to provide facilities for collegiate instruction. In the fall of 1863 the first Freshman class was admitted, and in the winter of 1864 a new charter was secured, and Maine State Seminary became Bates College. The name Bates College was given by the Trustees in grateful acknowledgment of the generosity of Mr. Benjamin E. Bates of Boston, Mass., one of the founders of the city of Lewiston. Mr. Bates had taken a warm interest in the Seminary, and it was his encouragement, with a subscription in 1863 of $25,000, which led to its development into the college. To this sum he subsequently added $75,000. Mr. Bates died in 1877. Other friends have generously aided the institution, but none of their benefactions have equaled in amount the gifts of Mr. Bates.

Lewiston, in which the College is situated, is the second city in population in Maine, having about twenty-five thousand inhabitants. It is on the east bank of the Androscoggin, thirty-five miles north-east of Portland. It is connected by four bridges with Auburn, a city with twelve thousand inhabitants, on the opposite bank of the river. The two cities are among the most enterprising and progressive in the East. Many of their public buildings are exceptionally beautiful and substantial. Their excellent public schools are constantly bringing to the two cities from all parts of Maine, and even from adjoining States, parents eager to secure a good education for their children. The Lewiston High School, and the Edward Little Institute of Auburn, rank among the best preparatory schools in New England. The pulpits of Lewiston and Auburn are occupied by able and scholarly men, and residents of few towns have better facilities for hearing the representative lecturers and orators of our country.

The two cities are remarkably healthful, are situated amid some of the most beautiful scenery of the Androscoggin valley, and combine in a rare degree the educational influences afforded by the presence of business energy, of scholarly leisure, and of attractive environments. They are a little more than four hours distant from Boston, and are accessible from all directions by means of three railways,—the Grand Trunk and two lines of the Maine Central. The college grounds consist of fifty acres in the suburbs of Lewiston. They have great natural beauty and command fine views of the surrounding country. From the summit of Mount David, given by Mrs. Archibald Wakefield and the late Mrs. John M. Frye, as the site of an astronomical observatory, the White Mountains, more than fifty miles away, are distinctly visible.

CHARACTER OF THE COLLEGE.

The college is unsectarian in all its aims and methods, but it is unequivocally Christian. Breadth and thoroughness are sought, not only in literary and scientific attainments, but in moral and spiritual culture. What are called the vices of student life are practically unknown at Bates. No student can be a member of the college without taking and keeping a pledge to abstain from alcoholic drinks. Hazing has never been tolerated. A large percentage of the students are actively religious, and among them are represented nearly all the religious denominations of New England. It has been the constant aim of the college to encourage and aid students of limited means and to exclude such habits and customs as lead to extravagant and unnecessary expenditures. From its organization in 1863, the college has received young women on the same terms with young men, thus beginning on the Atlantic sea-board the movement for the higher education of women.

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Six Books of Virgil's Æneid;
Four Books of Cæsar's Gallic War;
Six Orations of Cicero;
Thirty Exercises in Jones' Latin Composition, or an Equivalent;
Latin Grammar, including Prosody;
Translation of Easy Latin at sight.

GREEK.

Four Books of Xenophon's Anabasis;
Two Books of Homer's Iliad;
Twenty Exercises in Jones' Greek Composition, or an Equivalent;
Greek Grammar;
Translation of Easy Greek at sight;
Ancient History and Geography.

MATHEMATICS.

1. Algebra, through Equations of the Second Degree, including Ratio and Proportion, Arithmetical and Geometrical Progression, and the use of the Binomial Formula.
2. Plane Geometry, including all the original exercises as given by Wells or Wentworth.

ENGLISH.

I. The writing of an essay upon some subject taken from one of the books named in II.

II. *Reading.* The candidate will be required to present evidence of a general knowledge of the subject-matter of the books read, and to answer simple questions on the lives of the authors. The books set for this part of the examination will be:

1902.—George Eliot's Silas Marner; Pope's Translation of the Iliad (Books I., VI., XXII., and XXIV).; The Sir Roger de Coverley Papers in The Spectator; Goldsmith's The Vicar of Wakefield; Scott's Ivanhoe; Shakespeare's Merchant of Venice; Cooper's Last of the Mohicans; Tennyson's Princess; Coleridge's Rime of the Ancient Mariner.

1903.—Shakespeare's Merchant of Venice and Julius Cæsar; The Sir Roger de Coverley Papers in The Spectator; Goldsmith's The Vicar of Wakefield; Coleridge's The Ancient Mariner; Scott's Ivanhoe; Carlyle's Essay on Burns; Tennyson's The Princess; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

1904.—Same as 1903.

1905.—Same as 1904.

III. *Study and Practice.* This part of the examination presupposes the thorough study of each of the works named below. The candidates will be examined upon subject-matter, form, and structure. The books set for this part of the examination will be:

1902.—Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essays on Addison and Milton.

1903.—Shakespeare's Macbeth; Milton's Lycidas, Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America; Macaulay's Essays on Milton and Addison.

1904.—Same as 1903.

1905.—Same as 1904.

Candidates for the degree of B.S. may present instead of the Greek the following work as conducted in the best preparatory schools, on the basis of five hours a week in each subject:

1. Three years of French and one year in any one of the following subjects: German, Physics, Chemistry, Advanced Mathematics.

2. Three years of German and one year in any of the following: French, Physics, Chemistry, Advanced Mathematics.

3. Two years of French and two years of German.

Students admitted without Greek may enter upon courses leading to the degree of A.B. by beginning the study of Greek and taking two years of prescribed work in that language.

Graduates of preparatory schools whose methods and courses of study are approved by the Faculty of the College may be admitted provisionally, upon the certificates of the principals of such schools. The certificates must clearly show that the amount and quality of the work done by those who present them are equivalent to the published requirements of the College. At the close of the first term all who have done scholarly work and maintained satisfactory deportment will be admitted to full standing. No student will be admitted to the College without giving proof of a good moral character.

All candidates for advanced standing will be examined in the preparatory studies, and also those previously pursued by the class they propose to enter, or in other studies equivalent to them.

Certificates of regular dismission will be required from those who have been members of other colleges.

The regular examinations for admission to College take place on Wednesday preceding Commencement, and on Monday preceding the first day of the Fall Term.

No special students are admitted to any of the College classes.

COURSES OF INSTRUCTION.

It is the aim in each department to exemplify the methods and results of a scholarship at once sound and progressive. All the work of the Freshman year is required. Electives are introduced in the Sophomore year and are increased in number as the course goes on. The essentials of a liberal education are constantly kept in view and the attainment of knowledge is made tributary to the love of study, the habit of investigation, and the tastes and aptitudes of the scholar. The individuality of students is recognized and encouraged without the sacrifice of breadth and thoroughness. Class-room work is supplemented by original observation and research and by a systematic use of the College Library.

PHILOSOPHY.

The courses in this department are as follows:

I. Christian Ethics. The aim of this course is to derive from the life and teachings of Christ the ideals and principles that are permanently applicable to human conduct, and to show their relation to the problems of individual character and of social progress presented in the life of to-day. The Bible and Stalker's "Life of Christ" are used as text-books. There is a constant endeavor to make the work practical. To this end, topics requiring special reading are assigned, essays and discussions are prescribed, and occasional talks and lectures are given. Freshman Year, first term; one hour a week.

II. Psychology. James's "Briefer Course" as far as Chapter XI. An attempt is made to combine the methods of the "New Psychology" with those of the "Old." Mental life is studied so far as possible in its relation to neutral conditions. The nature and processes of the various orders of sensation are exemplified from every-day experiences. It is the constant aim to translate principles into facts; to explain abstractions by particular instances. Simple experiments for determining reaction time for the different senses are introduced. Each student selects from a prescribed list certain habits to form and carefully notes and records the results. The tests and the examinations are given for the purpose of determining how far the knowledge gained can be applied. Junior year, third term; two hours a week.

III. Psychology. James's "Briefer Course" from Chapter XI. The text-book is supplemented by talks, informal lectures, and required reading. The student is encouraged to compare the authorities consulted with the conclusions that he derives from introspection; and an attempt is made, especially in the study of Attention, Association, Imagination, and Memory to discuss and compare differences in mental individuality. So far as practicable, Psychology is made to shed light on the problems of Education and to yield practical suggestions to teachers. In the consideration of the Instincts, the Emotions, and the Will, the work is conducted largely from the ethical as well as the pedagogical point of view. Senior year, first term; three hours per week.

IV. Logic. Special effort is made to elucidate the mental processes involved in the formation of Concepts, in Deductive Logic, and particularly in Induction and the Scientific Method. Attention is directed to the grounds of induction and the validity of knowledge and, as much as the time allows, to historic inquiry into the rise and relationship of the various schools of philosophic thought. Senior year, second term; five hours a week. Elective.

V. Ethics. Harris's "Moral Evolution," supplemented by lectures, discussions, and special reading. Ethics and Evolution are discussed in their relation to each other and are shown to be in harmony. The various Theories of Morals are reviewed, and Perfection, or the Good, is shown to be the true ideal. The Good and the Right are found to be only different aspects of the same principle; and both Self-Love and Altruism are shown to be as essential in Morality as in Evolution. The continuous purpose disclosed by Evolution necessitates belief in God and shows the dependence of Morality upon Religion. The Moral Ideal proves to be the Christian Ideal, and the Kingdom of God the Kingdom of the Good and the Right. Christianity is found to be the final outcome of Evolution in Religion. Senior year, third term; five hours a week. Elective.

GREEK.

1. Lysias. In connection with the orations of Lysias we study the methods of administration of justice at Athens in the time of Lysias; the events which led to the establishment in power of the Thirty Tyrants and to their overthrow; and the topography of Athens and the Peiræus.

Some time is spent in sight translation of Greek into English. Four hours; first term.

2. Herodotus and Thucydides. In connection with the study of Extracts from the Histories of these authors we become somewhat familiar with the history of the Persian Wars; with the history of the founding of the Athenian Empire; with the causes, the history and the results of the Peloponnesian War.

Some time is spent in translation at sight. Four hours; second term.

3. Demosthenes, Philippics or Olynthiacs. With the study of these orations we give attention to the life and times of

Demosthenes; to his career as an orator; and incidentally we compare his oratory with that of Cicero and modern orators. Three hours; third term.

Courses 1, 2, and 3 are required of all Freshmen who are candidates for the degree of A.B.

4. Drama. In connection with the study of one of the Dramas of Æschylus or Sophocles we give much attention to the history of the Greek Drama; to the construction of the Greek Theatre; and to the teachings of the Greek Chorus. Four hours; second term. Elective for Sophomores.

5. Plato. The Apology of Socrates and portions of the Phædo or the Apology and Crito. In connection with the study of the Greek we give much attention to the life and times of Socrates; to the character of his teachings and to the genius of Plato; and incidentally we become acquainted with the other prominent disciples of Socrates. Four hours; third term. Elective for Sophomores.

The following courses in Greek are for those members of the Freshman Class, candidates for the degree of A.B., who enter college with a preparation in French and German instead of Greek, and who wish to study Greek in the Freshman year preparatory to the study of the Greek of the regular course in their Sophomore and Junior years instead of in their Freshman and Sophomore years. Such students take Courses 1, 2, and 3 during Sophomore year instead of French or German.

1, *a*. Greek Grammar and the Anabasis. Four hours; first term.

2, *a*. The Anabasis and exercises in writing Greek. Four hours; second term.

3, *a*. Homer and scansion of Greek Hexameter. Three hours; third term.

LATIN.

1. Livy: Books XXI, XXII. History of the Punic Wars. Sight Reading. First term; four hours.

2. Tacitus: Germania and Agricola. Roman Provincial Administration. Second term; three hours.

3. Horace: Odes and Epodes. Study of Horatian Meters. Third term; four hours.

Courses 1, 2, and 3 are required of all Freshmen.

4. Horace: Satires and Epistles. Roman Private Life. First term; four hours. Elective for Sophomores.

5. Cicero: De Contemnenda Morte. Second term; three hours. Elective for Sophomores and Juniors.

6. Pliny the Younger: Selected Letters. Elective for Sophomores and Juniors. Third term; three hours.

7. Latin Comedy: Menæchmi of Plautus and Phormio of Terence. Second term; four hours. Elective for Juniors and Seniors who have taken at least one elective course in Latin.

GERMAN.

The study of German is required during the Sophomore year, and is elective during the Junior and Senior years, three hours per week.

The aim of the required work is the acquisition of a thorough knowledge of the fundamentals of German grammar and the ability to translate into good English fairly difficult German prose and poetry. The aim of the elective work is a sympathetic literary interpretation of all texts read, an introduction to the masterpieces of the German drama of the classical period, a general knowledge of the history of German literature and a comprehensive view of the tendencies in German literature since Goethe's death.

Careful drill in pronunciation and the intelligent reading of the German text is insisted upon. Some practice in conversation is given, and German is used in the class-room as far as is deemed advisable by the instructor. In the elective courses a large amount of collateral reading outside the class-room is expected. Advanced grammar and composition are not lost sight of throughout the course, although no specialty is made of these subjects after the first year.

1. Elementary Course. Grammar. Easy prose composition. Three hours; first term.

2. Elementary Course. Translation of easy German prose. Grammar. Prose composition. Three hours; second term.

3. Elementary Course. Translation of German prose and poetry. Prose composition. Grammar. Three hours; third term.

(Courses 1, 2, and 3 required of all Sophomores who did not present German for entrance.)

4. Lessing: *Minna von Barnhelm*, *Emilia Galotti;* lectures on Lessing's life and works. Three hours; first term.

(Elective for Juniors who have passed in 1, 2, and 3.)

5. Schiller: *Wilhelm Tell*, *Die Jungfrau von Orleans;* lectures on Schiller's life and works. Three hours; second term.

(Elective for Juniors who have passed in 4.)

6. Goethe: *Hermann und Dorothea*, *Iphigenie auf Tauris;* lectures on Goethe's life and works. Three hours; third term.

(Elective for Juniors who have passed in 5.)

7. Goethe: *Faust*, Part I, and selected portions of Part II. Lectures on the History of German Literature. Three hours; first term.

(Elective for Seniors who have passed in 6.)

8. Nineteenth Century Drama. Freytag, Hauptmann, Sudermann. A representative drama from one of the above

authors will be the basis of the work in class. The chief characteristics of the other authors will be presented to the class by informal lectures, individual reports, and collateral reading. Four hours; second term.

(Elective for Seniors who have passed in 7.)

9. Nineteenth Century Fiction. A rapid reading course. The class will read selected portions from the works of such authors as Auerbach, Baumbach, Freytag, Riehl, and Wildenbruch. Three hours; third term.

(Elective for Seniors who have passed in 8.)

[10. German Lyrics and Ballads. The work in German poetry will be either a selection of poems of one author or a collection of the poems of various authors. Three hours; third term. Elective for Seniors who have passed in 8.] Not offered in 1901–1902.

German Seminary. Special work with advanced students.

FRENCH.

The aim of the required courses in French is to give the student a thorough drill in grammar and pronunciation, facility in translation of easy prose, some knowledge of composition and the power to express himself intelligibly on familiar subjects in the spoken French language. The texts for reading have been selected from the works of the best modern writers.

The elective work has been arranged with a view to meeting the requirements of students who desire a literary as well as a linguistic knowledge of French. The growth and development of French literature through the seventeenth, eighteenth, and nineteenth centuries will be shown from the works read and criticized, and from the discussion of special topics introduced at suitable points; while linguistic studies will be continued by means of progressive exercises in composition including letter-writing, conversation, study of idioms and special grammatical subjects. Careful attention will be given to the study of the life and times of the authors read, as well as to the rise and growth of various literary and political institutions of France. These courses are sequential; and while they may be dropped at any point, they may not be resumed when once abandoned, since each succeeding course presupposes a knowledge of the preceding.

The course in history of French literature includes a historical study of the language, showing the relations of classical and popular Latin to modern French; a careful survey of the first and second Romantic periods; a brief review of early humanism; investigation of the origin of the Renaissance; discussion of the French Revolution with reference to literature, and many other special topics of like importance.

1. Fraser and Squair's grammar through irregular verbs. Dictation. Composition. Conversation. Two hours; second term.

2. Completion of Fraser and Squair's grammar. Dictation. Composition. Conversation. Courses 1 and 2 required of all Freshmen who do not present French for entrance. Two hours; third term.

3. Reading in class-room of *Madame Thérèse*, *La Tulipe Noire*, selections from Daudet and Maupassant. Composition. Dictation. Conversation. One hundred pages outside reading required, to be assigned from selected French texts. Required of all Sophomores who did not present French for entrance. Four hours; first term.

4. Reading and criticism of seventeenth century dramatists: Racine, *Esther*, *Athalie*, *Iphigénie;* Corneille, *Le Cid*, *Cinna.* One hundred fifty pages collateral reading to be assigned from French texts. Study of idioms. Composition.

Conversation. Elective for Sophomores. Three hours; third term.

5. Continuation of study of seventeenth century writers: Molière, *L'Avare*, *Les Précieuses Ridicules*, *Le Bourgeois Gentilhomme;* Madame de Sévigné, selected letters; selections from the *Maximes* of Rochefoucauld. Letter-writing. Conversation. Special study of the subjunctive mode. One hundred fifty pages supplementary reading from French texts. Elective for Juniors who have completed Course 4. Three hours; first term.

6. Reading in class-room of selected works of Beaumarchais and Bernardin de St. Pierre. Study of Boileau and the salons. Weekly reports on assigned collateral reading from French texts. Lectures on Voltaire and Rousseau. Letter-writing. Study of idioms. Conversation. Elective for Juniors who have completed Course 5. Three hours; second term.

7. Study of nineteenth century authors: Chateaubriand, *Atala;* Hugo, *Hernani*, *Ruy Blas.* Reports on collateral reading from French texts. Study of Hugo's life and times. Elective for Juniors who have completed Course 6. Three hours; third term.

8. Reading in class-room from Lamartine, De Musset, Madame de Staël, prose works of Hugo. Weekly reports on assigned collateral reading from French texts and Carlyle's French Revolution. Elective for Seniors who have completed Course 8. Three hours; first term.

9. Selected dramas of Coppée, Rostand, Sardou. Selections from Dumas, George Sand, Sainte-Beuve. Assigned collateral reading with reports. Review of grammar. Study of idioms. Elective for Seniors who have completed Course 8. Three hours; second term.

10. Reading of Ohnet's *Le Maître de Forges.* Sight reading from Daudet. Review of grammar and study of

idioms continued. Elective for Seniors who have completed Course 9. Three hours; third term.

11. History of French literature, with readings from best writers and lectures on special topics. This is largely a library course. Open to Juniors and Seniors two hours per week, three terms, alternate years. To be given in 1902.

ENGLISH.

1. Composition. Study of the paragraph. The writing of weekly themes on assigned and elective topics. The systematic general study of the Principles of Composition, parallel with the written work of the class. Required reading of at least one standard prose work; short essay based on that work.

Two hours; first term.

2. Composition. Continuation of Course 1. Written work and required reading.

Two hours; second term.

3. Composition. Continuation of Course 2. Subjects selected to afford practice in the various modes of rhetorical expression.

Two hours; third term.

(Courses 1, 2, and 3 are required of all Freshmen.)

4. Rhetoric. The thorough study of A. S. Hill's "Principles of Rhetoric;" supplementary reading of Barrett Wendell's "English Composition." Weekly themes. Reports of lectures on the Elements, Qualities, and Principles of Style. Exercises demanding the application of the knowledge gained from these books and lectures.

Three hours; first term.

5. Argumentation. The study of Argumentation and Debating; text-book, G. P. Baker's "Principles of Argumen-

tation." Required reading of masterpieces. Brief-drawing. The preparation and delivery of debates.

Three hours; second term.

(Courses 4 and 5 are required of all Sophomores.)

6. Advanced Composition. The work is adapted, so far as practicable, to the needs and tastes of each student.

Three hours; third term.

(Elective for candidates for the degree of A.B., who have passed in Course 5; required of candidates for the degree of B.S.)

NOTE.—All written work in Courses 1 to 6 is corrected and returned to the writer with criticism and suggestions. Every student is required to meet the instructor at stated hours for conference. Hours are also set apart for voluntary conference.

7. The drama. Lectures on the origin and development of the drama, and its history from Æschylus to Shakespeare. Critical study of selected plays of Shakespeare, with required reading of other works of the Elizabethan age. Outline History of English Literature, one hour each week.

Five hours; first term.

(Required of all Juniors.)

8. Literature of the Seventeenth and Eighteenth Centuries. Critical study of selected works of prose and poetry, with lectures on the literary history and biography of the period. Required reading of other works, with research in the Library; reports, abstracts, and discussions in class.

Four hours; second term.

9. Literature of the Eighteenth and Nineteenth Centuries. Critical study of selected works, with lectures. Required reading of other works, and investigation of special topics.

Four hours; third term.

10. Lectures on literary criticism, with special reference to fiction. Reading of selected works of the Nineteenth Century. Investigation of topics in literary history and criticism.

Four hours; first term.

11. History of the English Language. (First six weeks.) Critical study of Chaucer: Prologue to The Canterbury Tales, and two of the Tales. Topical study of English history in the time of Chaucer. (Last six weeks.)

Four hours; second term.

12. English Literature of the Nineteenth Century. Seminary. Special study of Tennyson and Browning.

Four hours; third term.

(Courses 8 to 12, inclusive, are elective for Juniors and Seniors.)

SOPHOMORE PRIZE DEBATES.

Preliminary Debates.—All Sophomores are required to take part in these debates, the subjects of which are announced in the first term of Freshman year. A prize for excellence in debate is awarded in each division of the class.

Second term.

Champion Prize Debate.—The speakers presenting the best arguments in the Preliminary Debates compete in the Champion Prize Debate, held during Commencement week; all other Sophomores present Essays on a prescribed subject, in competition for a prize.

Third term.

REQUIRED COMPOSITION WORK OF JUNIOR AND SENIOR YEARS.

This work, in continuation of that done in Courses 1 to 6, is required of all members of the Junior and Senior classes, whether they elect English or not. An essay is presented in each term, as follows:

7[1]. Essays based on the study of masterpieces of Exposition or Persuasion.

Junior year; first term.

8[1]. Theses on subjects requiring extended investigation.

Junior year, second term.

9[1]. Original declamations on assigned subjects. Each member of the class reads his declamation before a committee, by whom the best twelve are selected for delivery in a prize contest during Commencement week.

Junior year, third term.

10[1]. Essays in criticism of some classic in English or American fiction.

Senior year, first term.

11[1]. Original Parts for the Senior Exhibition. Each student reads his part before a committee, who choose twelve to speak in the Exhibition.

Senior year, second term.

12[1]. Commencement Parts. Every member of the class writes a part, but the Commencement speakers are chosen on the basis of scholarship.

Senior year, third term.

MATHEMATICS.

1. Algebra. Ratio and proportion, variation, series, binomial theorem, undetermined coefficients, logarithms, permutations and combinations, probability, continued fractions, theory of equations, graphic algebra. (Well's College Algebra.) First term; five hours each week.

2. Geometry. Solid geometry, which includes polyhedral angles, the various solids bounded by planes, the cone, the cylinder, and the sphere. This course includes a large amount

of original work in demonstration and computation. (Phillips and Fisher.) Second term; five hours each week.

3. Trigonometry. Plane and spherical Trigonometry, with problems and applications. (Wells.) Third term; five hours each week.

(Courses 1, 2, and 3 are required of all Freshmen. A brief elective course is given in elementary surveying, largely by lectures.)

4. Plane Analytical Geometry, including Higher Plane Curves. (Nichols.) First term; five hours each week.

5. Analytical Geometry of three dimensions (Nichols.) Five weeks of second term; five hours each week.

5[1]. Differential Calculus with applications. (Taylor.) Last seven weeks of second term; five hours each week.

6. Differential Calculus completed. Three weeks of third term; five hours each week.

6[1]. Integral Calculus with applications. (Taylor.) Last nine weeks of third term.

(Courses 4, 5, 5[1], 6 and 6[1] are elective for Sophomores, or any others who may have taken Courses 1, 2, and 3.)

CHEMISTRY.

Work in this department includes recitations, lectures, and laboratory practice, and continues through the Sophomore, Junior, and Senior years. The study begins with lectures and recitations on the non-metallic elements and their compounds. In connection with these subjects the elements of Theoretical Chemistry are taught, and the students are given practice in the solution of a variety of chemical problems.

1. Inorganic Chemistry. This course is devoted to the elementary principles of the science. It deals with the nature and properties of a few common elements and the application of the fundamental laws and theories concerning their combi-

nation. Recitations and experimental lectures. Three hours; second term.

2. General and Experimental Chemistry. A continuation of Course 1, dealing largely with the metallic elements and including a few of the more common carbon compounds. Recitations and lectures with laboratory work. Three hours; third term.

Courses 1 and 2 are required of Sophomores who are candidates for the degree of B.S.

3. Elementary Inorganic Chemistry. An introduction to the study of chemistry. Similar to 1, but somewhat more general. Three hours; first term.

4. General and Experimental Chemistry. A continuation of 3, and including a few exercises in organic chemistry. Quantitative experiments and a variety of chemical problems. Recitations, lectures, and laboratory work. Three hours; second term.

(Courses 3 and 4 are required of all Juniors who have not taken Courses 1 and 2.)

5. Qualitative Analysis. A practical course of basic, acid, and blowpipe analysis, and the preparation of a variety of inorganic salts.

Three exercises (six hours); one-half of Junior year. Required of candidates for degree of B.S., and elective for others.

6. Quantitative Analysis. Laboratory practice in the use of the methods of gravimetric and volumetric analysis; separation and estimation of metals, acids, and water of crystallization, with special work on ores, alloys, and mineral water.

Three exercises (six hours); one-half year. Elective for all students who have taken Course 5.

7. Elementary Organic Chemistry. An introduction to

the study of the compounds of carbon. The fatty series and benzol derivatives.

Three exercises (six hours); first term. Elective for Seniors.

8. Advanced Organic Chemistry. General course. Lectures and Laboratory work.

Three exercises (six hours); second term. Elective for Seniors.

9. Physiological Chemistry. Lectures and Laboratory work.

Three exercises (six hours); third term. Elective for Seniors.

PHYSICS.

Physics is required of all Freshmen in the B.S. course and of all Sophomores in the A.B. course. It is elective to the Juniors and Seniors in both courses.

1. Elementary mechanics, equilibrium of solids, liquids and gases; molecular forces; and heat. This is a general course involving only elementary mathematics. Lectures and recitations three hours, laboratory work one hour. Freshman required course, first term.

2. Elementary electricity and magnetism. Lectures and recitations three hours, laboratory work one hour. Freshman required course, second term.

3. Elementary sound and light. Lectures and recitations two hours, laboratory work one hour. Freshman required course, third term.

4. Elementary mechanics, heat and sound. A general course, briefer than 1. Lectures and recitations three hours. Sophomore required course, second term.

5. Elementary light, electricity, and magnetism. Lectures and recitations two hours. Sophomore required course, third term.

6. General laboratory work in mechanics and sound. This course is supplemented by lectures bearing on the laboratory work, and extending the student's knowledge by introducing him to the results of work and laboratory methods which he would be unable to test for himself. Each student is required to hand in a neat and comprehensive report of each experiment performed. Four hours, first term. Elective to Juniors in both courses.

7. Electricity and magnetism. This course is a continuation of Course 6. Four hours, second term. Elective to Juniors.

8. Heat and light. Continuation of Course 7. Four hours, third term. Elective to Juniors.

A short course in photography will be given in connection with course. This will include properties of various lenses, exposure of plates, development, preparation of developers and fixing baths, printing on various papers, and the making of lantern slides.

9. Introduction to mathematical Physics, including applications of the Calculus to physical problems and introduction to the study of Differential Equations. Three hours, first term. Elective to Seniors who have completed Mathematics 5 and 6.

10. Electricity and Magnetism. Introduction to the mathematical theory. Two hours, second term. Elective to Seniors who have completed Physics 9.

11. Electricity and Magnetism, Direct and Alternating Current Machinery. Laboratory work, two hours. Elective to Seniors who have completed Physics 7 and 10.

GEOLOGY.

1. Mineralogy. This course is intended to give a general survey of the whole subject of mineralogy. The endeavor is

made to familiarize the student with all of the common minerals and rocks. In determinative mineralogy the student is taught the use of the blow-pipe and to identify minerals by their properties and by ordinary dry tests. Two hours, third term. Required of Juniors in the B.S. course and elective to Juniors in the A.B. course.

2. Geology. Dynamical, Structural, and Historical Geology. Particular attention is paid to the geology of the region about Lewiston. Three hours, first term. Required of Seniors in B.S. course and elective to Seniors in A.B. course.

The region affords rare facilities for study in both of the above courses, and several expeditions are required in each.

ASTRONOMY.

1. Astronomy begun. This course is a general descriptive course involving only elementary mathematics. Three hours, second term. Required of Seniors in B.S. course and elective to Seniors in A.B. course.

2. Astronomy completed. Two hours, third term. Required of Seniors in B.S. course and elective to Seniors in A.B. course.

BIOLOGY.

BOTANY.

1. Morphology, Physiology, and Ecology of Flowering Plants.

The method of instruction in this course consists of recitations upon the above subjects, as they are developed by a study of the text-book, by lectures and in laboratory work, and also of a series of laboratory exercises, in which a careful study is made of the morphology of the various parts of the plant body. The seeds, roots, stems, leaves and fruits, are taken up in succession; the structure and relation of these parts to the life processes of the plant are recorded in the laboratory notebook, by means of drawings and descriptive notes.

The aim of this course is two-fold: (1) To give the student a general yet comprehensive knowledge of the life processes and structure of the flowering plants; and (2) to begin the training which is so essential to all scientific work—that of accurate observation.

Course 1 is given during the second term, two hours, and is required work for both the A.B. and B.S. degrees.

2. Typical Course on the General Classification of the Plant Kingdom.

The work of this course comprises recitations, lectures, and laboratory exercises. A study is made of the principles upon which modern classification is based. Type specimens representing the various groups and sub-divisions of the vegetable kingdom are taken up and studied as to their distinctive characteristics, structure, etc., together with a consideration of the interelations of the groups.

In the laboratory the student studies and sketches most of the specimens taken up in recitations, and also the work of Course 1 is continued for a few weeks; after which considerable time is spent in flower analysis. An herbarium is not required from each student; but the extent and variety of the laboratory analysis should prepare all members of the class so that any having the desire to do so will be able to classify and arrange an herbarium.

Field work constitutes an important part of this course. Weekly trips are taken into the surrounding country for the purpose of collecting and studying the plants in their natural environments. This field work is especially helpful in fixing in the student's mind the general classification of the plant kingdom.

It is the aim of the course to give the student a knowledge of what organisms the plant kingdom includes and how these same organisms are grouped in a general classification.

Course 2 is given during the third term, two hours, and is required for the degrees of A.B. and B.S.

3. Cryptogamic Botany.

This is chiefly a laboratory course, combined with some lecture and recitation work. It is mainly a study of the morphology of cryptogamic plants, beginning with the lowest Thallophytes. The work requires the use of the compound microscope quite constantly, and the members of the class obtain thereby a practical knowledge of the simpler manipulations of the microscope and preparation of sections. Each student is required to offer for inspection twenty-five stained and permanent sections. Carefully kept note-books with drawings and descriptive notes are required throughout the course.

The two chief objects of the course are: (1) the acquiring of a knowledge of the morphology of the cryptogams; and (2) accurate observation and correct interpretation of the same. The course is given during the first term, four hours, and is elective.

ZOÖLOGY.

1. General Principles of Zoölogy.

Instruction in this course is given by recitations. Its aim is to teach the general principles of the subject. The course follows chiefly the text of Hertwig's General Principles of Zoölogy; taking up the sub-divisions and history of the subject, the structure, development, and functions of cells, tissues, and organs, general embryology, etc.

The course is given during the second term, three hours. It is required work for the degree of B.S., but is elective for those taking the A.B. course. Course 1 should be taken by any who contemplate future work in the subject.

2. Morphology, Biology, and General Classification of the Animal Kingdom.

The work of this course is carried on by recitations, lectures, and laboratory exercises. While one of the chief aims of the course is the outlining of the principal groups of the animal kingdom, together with the study of their Biology and Morphology, yet the laboratory work is confined to representatives of the chief groups of invertebrates. Typical forms are studied microscopically or dissected, and careful drawings with descriptive notes must accompany the laboratory work.

The course is given during the third term, two hours, and is required for the degree of B.S. It is elective for those taking the A.B. course.

3. Comparative Anatomy of Vertebrates.

Instruction in this course is given chiefly by laboratory exercises and lectures. Type representatives of the different groups of Vertebrata are very thoroughly dissected and studied in a comparative way, from the lower forms to the higher. All observations and records are kept by means of drawings and notes.

The course is intended especially for those who are particularly interested in Biological science, or who intend the future study of human anatomy and medicine.

Course 3 is given during the first term, four hours, and, in fact, the work of the course, as it is outlined in the above statement, extends throughout the year, including Courses 4 and 5. Course 3 is elective.

4. Comparative Anatomy of Vertebrates.

As given in the statement above this course is merely a continuation of the same kind of work as begun in 3. Course 4 is given during the second term, three hours, and is elective.

5. Comparative Anatomy of Vertebrates.

As before stated this course continues the work of Courses 3 and 4. Course 5 is given during the third term, three hours, and is elective.

6. Microscopic Technique.

In this course instruction is given by lectures and laboratory work. A study is made of the parts and use of the compound microscope, together with laboratory work upon the more essential methods of investigation. This involves practical work upon an invertebrate animal, in some of the more important methods of fixing, hardening, dehydrating, staining, clearing, imbedding, sectioning, and mounting.

The course is given during the first term, three hours, and is elective.

7. Histology.

The work is taken up by recitations, lectures, and laboratory exercises. The aim of the course is to teach the origin, development, and structure of the more important animal tissues.

The course is given during the third term, three hours; is elective, but open only to those who have taken Courses 2, 3, 4, and 5.

ORNITHOLOGY.

1. Considerable attention is given to the study of Ornithology, apart from that of general zoölogy. In the first term twelve lectures are given to the Freshman Class on the characteristics of birds—peculiarities of physical structure, flight, utility, song, beauty, intelligence, and migration; on the fossil, subfossil, and extinct birds, and on classification. The last lecture of the term is devoted to the winter birds of Maine. This lecture is preparatory to the work to be done by the class during the winter. Prizes are given to the members of the

class that report the longest lists of birds observed and carefully identified between the first of December and the middle of March. Two prizes are also given to the class for the best winter sketches of not more than two thousand words each.

2. In the twelve lectures given in the spring all the species of the inland birds of Maine are described and the mounted specimens are shown to the class. Four times a week, from the last of March to the middle of June, the members of the Freshman Class make early morning excursions of one hour and a half to the fields and woods in search of the birds. Particular attention is directed to the songs and notes of the birds. From 75 to 130 different species are recognized in one year by the careful observers.

HISTORY.

1. Mediæval History. This course is designed to furnish the connecting link between ancient history, with which the student is supposed to be familiar, and modern history, which is offered in the succeeding term. It includes an outline of the political, religious, educational, economic, and social evolution of western Europe, from the Barbarian invasions of the Roman Empire to the Renaissance. It is intended that the student shall acquire not so much a mere mass of facts as an understanding of the spirit of the times which he studies. Particular stress is laid, moreover, upon those institutions and features of mediæval life that exerted an influence upon later periods. Frequent essays, discussing some aspect of the periods under investigation, are required of each member of the class, as well as a certain amount of prescribed reading outside of the text-book.

For Sophomores. Three hours. First term. Elective.

2. Modern History. From the Protestant Reformation to the present day. Special attention is paid to the economic

factors of this period, and to such topics as the growth of cities and commerce, the struggle for political and religious freedom, the foundation and development of the European state-system, colonial expansion, modern diplomacy, international relations, European wars.

For Sophomores. Four hours. Second term. Elective.

3. English History. Two points of view predominate in this course,—the political and the economic. An effort is made to trace both the political changes which have made England the type of modern constitutional government, and the transformation of economic life by which modern industrialism has been built up in Great Britain. Along these two lines emphasis is laid on the following features: (a) English institutions in their formative period; the growth of the Parliament and the Cabinet system; the constitutional aspects of the Puritan Revolution; local government; the expansion of the British Empire; (b) the development of economic life from the "household economy" to the "world economy;" the so-called Industrial Revolution and the factory system; commercial relations.

For Sophomores. Four hours. Third term. Elective.

4. American History (Colonial). This course deals with the history of the American colonies from the period of discovery to the end of the Revolutionary War. American colonization is considered in the light of general colonization as a phase of history. Special attention is given, first, to the constitutional and institutional development of the English colonies and their growth toward independence and union, and secondly, to the struggle between France and England for mastery in the new world. The course terminates with a detailed study of the causes and consequences of the American Revolution.

Some effort is made in connection with this course, as well as Course 5, to familiarize the student with the best methods of historical research. Collateral reading, map work, and written exercises are required.

Elective for Seniors and Juniors. Four hours. First term. Given alternately, from year to year, with Course 5.

[5. American History (National). The political and social history of the United States from the Revolutionary War to the present day. The formation and dissolution of the Confederation of 1781; the framing of the Federal Constitution; the growth of the Union; the rise and history of political parties; the influence of westward expansion and of slavery on political life; the origin and significance of the more important economic questions.]

Elective for Seniors and Juniors. First term. Four hours. Given alternately with Course 4. Will be given in 1902.

SOCIOLOGY.

1. The Outlines of Sociology. A study of the elementary principles of human association and the development of the different forms of association. The principal topics under discussion will be the nature of social phenomena, the scope and method of sociology, the social mind, the processes of social development, the evolution of domestic, ceremonial, political, ecclesiastical, professional, and industrial institutions. The purpose of this course is to develop in the mind of the student the power to observe and analyze social facts, to enable him to trace these facts to the elementary social motives and forces, and to foster a spirit of social solidarity by establishing an ethical theory of social progress.

For Seniors. Three hours. Second term. Elective. Required of candidates for the degree of B.S.

2. Practical Sociology. This course is divided into two parts given in alternate years.

A. The first part treats of "defectives" and "dependents,"—those classes of society which are not yet beyond social redemption, and may be restored to social efficiency; the concentration of population in cities with its attendant dangers; immigration; the Negro problem; Pauperism and the poor laws; the methods and organization of private and public charities; the housing of the poor; slums and social settlements; the liquor traffic.

[B. The second part will be devoted to the consideration of "delinquent" classes, and the border land between social inefficiency and positive criminality. It will include such topics as the nature, definition, and varieties of crime; the increase of criminality; criminal anthropology; the social causes of crime; the historical methods of punishment; prison reform; the prevention of crime.]

These courses are not technical, but intended as a preparation for intelligent citizenship. Students will be encouraged to undertake sociological field-work, i. e., the study of special charitable and correctional institutions in Lewiston and Auburn. The class will visit such institutions in groups, and an effort will be made to have specialists in social reform-work lecture to the students from time to time.

In 1901–2 the first part will be given. Three hours. Elective for Seniors and Juniors. Third term.

POLITICAL SCIENCE.

The course in Political Science, or comparative public law, offers first a historical outline of the history of governmental institutions, beginning with the ancient Greeks. The government of the United States (national, state, and local) and that of the typical European nations (England, Germany, France, and Switzerland) is then taken up comparatively. As a knowledge of the political constitutions of these countries is insufficient for an adequate appreciation of their public life, the text-book is supplemented by lectures on the administration, and the organization of political parties in these several countries.

Elective for Seniors and Sophomores. Two hours. First term. Required of Sophomores who are candidates for the degree of B.S.

ECONOMICS.

1. Commerce. The first part of this course consists of a brief account of the growth of commerce and the importance of commerce as determinative of social structure. The second, systematic part presents a study of the natural and social resources of the United States and the principal foreign countries, the geographical distribution of various industries, and the factors which determine the nature and extent of commerce. This course is admirably suited to prepare the student for Course 2 in Economics, although it is not absolutely necessary before taking that course.

For Sophomores. Required of candidates for the degree of B.S. Elective for others. Two hours. First term.

2. Principles of Political Economy. An introduction to the study of economic problems. Although this is essentially a course in economic theory, the student is led to observe critically and carefully the phenomena of every-day industrial life, and thus to remark those uniformities which are expressed by theoretical formulæ. He is familiarized with the nature of economic laws, the data of economic inquiry, the scope and method of economic science, and equipped with a clear and definite knowledge of its leading principles. He is furthermore, and above all, led to appreciate the complexity of practical economic problems; and with a view to acquainting him with the actual mechanism of modern industrial life, visits will be made by the class to factories, work-shops, and other industrial establishments.

Required of all Juniors. Five hours. Second term.

3. Advanced Economics. A detailed study of certain important economic problems, such as Trusts and Industrial Combinations, the Labor Problem, the economic basis of Socialism, the theory of Value, the Monetary Problem, etc. This course is intended only for those students who have attained satisfactory rank in Course 2 and are competent to do advanced work. Part of it is devoted to a short history of the principal schools of economic thought: the Mercantilsts, the Physiocrats, the Classical School, the Historical School, and the Abstract-Realistic School.

For Juniors. Three hours. Third term. Elective.

ELOCUTION.

FRESHMAN YEAR.—SECOND TERM.

1. Development and training of the imaginative instinct. Simple attention and admiration of nature. Spontaneity; Freedom; Vocal Painting.

Vocal Training. Correct method of breathing. Openness of tone passage. Preparatory action for speech. Ease, freedom, and openness in tone production. Class work two hours a week.

Prize Declamations, in which every member of the class is prepared by special instruction and drill.

SOPHOMORE YEAR.—FIRST TERM.

2. Development of logical instinct. Emphasis; Inflection; Touch; Subordination. Sequence of ideas.

Vocal Training, to secure control of breath and elasticity of tone.

Prize Declamations, in which every member of the class is prepared by special instruction and drill.

JUNIOR YEAR.—THIRD TERM.

3. Study of conversation, narration, description, and soliloquy, to develop naturalness in speech form.

Vocal Training, continued to develop agility and ease. Class work two hours a week.

SENIOR YEAR—THIRD TERM.

4. Sympathetic instinct; Transition; Contrast; Rhythm; Pause; Attack. Effect of Emotion in Tone; Tone Color; Purpose.

Vocal training continued. Class work two hours a week.

OUTLINE OF STUDIES.

The figure preceding a subject indicates the number of the course in that study as explained on pages 17 to 45. The figure following a subject indicates the number of exercises per week. Electives are italicized. The left-hand column shows the arrangement of studies leading to the degree of A.B., the column on the right shows the arrangement for the degree of B.S.

FRESHMAN YEAR.

First Term.

1	Latin	4	1	Latin	4
1 or 1*a*	Greek	4	1	Physics	4
1	English	2	1	English	2
1	Mathematics	5	1	Mathematics	5
1	Christian Ethics	1	1	Christian Ethics	1
1	Ornithology	1	1	Ornithology	1

Second Term.

2	Latin	3	2	Latin	3
2 or 2*a*	Greek	4	2	Physics	4
2	English	2	2	English	2
2	Mathematics	5	2	Mathematics	5
1	French	2	1	Botany	2
1	Elocution	1	1	Elocution	1

Third Term.

3	Latin	4	3	Latin	4
3 or 3*a*	Greek	3	3	Physics	3
3	English	2	3	English	2
3	Mathematics	5	3	Mathematics	5
2	French	2	2	Botany	2
2	Ornithology	1	2	Ornithology	1

SOPHOMORE YEAR.

First Term.

4	English	3	4	English	3
1	German	3	1	German	3
3	French	4	1	Commerce	2
2	Elocution	1	1	Political Science	2
4	*Mathematics*	5	2	Elocution	1
4	*Latin*	4	4	*Mathematics*	5
1	*History*	3	4	*Latin*	4
1	*Commerce*	2	3	*Botany*	4
1	*Political Science*	2			

Second Term.

5	English	3	5	English	3
2	German	3	2	German	3
4	Physics	3	1	Zoölogy	3
1	Botany	2	1	Chemistry	3
5	*Mathematics*	5	5	*Mathematics*	5
4	*Greek*	4	5	*Latin*	4
2	*History*	4	2	*History*	4
5	*Latin*	4			

Third Term.

3	German	3	3	German	3
5	Physics	2	2	Zoölogy	2
2	Botany	3	2	Chemistry	2
6	*English*	3	6	English	3
6	*Mathematics*	5	6	*Mathematics*	5
6	*Latin*	3	6	*Latin*	3
5	*Greek*	4	4	*French*	3
4	*French*	3	3	*History*	4
3	*History*	4			

JUNIOR YEAR.

First Term.

7	English	5	7	English	5
3	Chemistry	3	5	Chemistry	3
4	*German*	3	4	*German*	3
5	*French*	3	5	*French*	3
6	*Physics*	4	3	*Anatomy*	4
4	*History*	4	4	*History*	4
3	*Botany*	3	1	*Physiology*	2
			6	*Physics*	4

Second Term.

2	Economics	5	2	Economics	5
4	Chemistry	3	5 and 6	Chemistry	3
8	*English*	4	8	*English*	4
7	*Latin*	4	7	*Latin*	4
5	*German*	3	5	*German*	3
6	*French*	3	6	*French*	3
7	*Physics*	4	7	*Physics*	4
1	*Zoölogy*	3	1	*Physiology*	2
			4	*Anatomy*	3

Third Term.

2	Psychology	2	2	Psychology	2
3	Elocution	1	3	Elocution	1
9	*English*	4	1	Mineralogy	2
6	*German*	3	6	*German*	3
7	*French*	3	7	*French*	3
5	*Chemistry*	4	6	*Chemistry*	3
3	*Advanced Economics*	3	3	*Advanced Economics*	3
1	*Mineralogy*	2	9	*English*	4
8	*Physics*	3	8	*Physics*	3
2	*Zoölogy*	2	5	*Anatomy*	3
2	*Sociology*	3	2	*Sociology*	3

SENIOR YEAR.

First Term.

3	Psychology	3	3	Psychology	3
10	*English*	4	2	Geology	3
7	*German*	3	10	*English*	4
8	*French*	3	7	*German*	3
5 and 6	*Chemistry*	3	8	*French*	3
2	*Geology*	3	7	*Chemistry*	3
9	*Physics*	3	6	*Zoölogy*	3
5	*History*	4	5	*History*	4
1	*Political Science*	2	9	*Physics*	3

Second Term.

4	*Logic*	5	1	Astronomy	3
11	*English*	4	1	Sociology	3
6	*Chemistry*	3	4	*Logic*	5
1	*Sociology*	3	11	*English*	4
10	*Physics*	2	8	*Chemistry*	3
8	*German*	3	8	*German*	3
9	*French*	3	9	*French*	3
1	*Astronomy*	3	10	*Physics*	2

Third Term.

4	*Elocution*	1	2	Astronomy	2
5	*Ethics*	5	7	*Histology*	3
12	*English*	4	4	*Elocution*	1
7	*Chemistry*	3	5	*Ethics*	5
11	*Physics*	2	11	*Physics*	2
2	*Sociology*	3	12	*English*	4
2	*Astronomy*	2	9	*Chemistry*	3
10	*French*	3	2	*Sociology*	3
9	*German*	3	10	*French*	3
			9	*German*	3

After the first year students elect subjects enough to make not less than 15 exercises per week (16 including elocution), and not more than 19.

LABORATORIES.

CHEMICAL.

The building of the chemical department is called the Hedge Laboratory, in honor of the late Isaiah H. Hedge, M.D., of Waukon, Iowa, who generously furnished the means for its erection. It is a two-story brick building, finely located, and of attractive modern style. On the first floor are the chemical lecture room, with rooms adjoining for chemicals and apparatus, and a class laboratory room recently fitted up with tables and sinks sufficient to accommodate thirty-two students. The large room for the general laboratory work of the classes occupies the most of the second floor. It is well lighted, thoroughly ventilated, and conveniently fitted with sinks, hoods, and tables sufficient to accommodate fifty-eight students. Adjoining this room are the weighing and apparatus rooms and the private laboratory of the professor.

The arrangement and appliances of the whole building are in accordance with the most approved plans of modern laboratories. The heating apparatus has just been changed and the building is now thoroughly heated by steam.

PHYSICAL.

During the summer of 1899 the Physical Department was moved from Hathorn Hall to Science Hall—a large, commodious building formerly occupied by the Latin School. The department comprises a well-arranged lecture-room, a large and well-appointed general laboratory, an apparatus room, a dynamo room and workshop, and a dark room. These are conveniently arranged and well furnished for their purposes. The collection of apparatus for lecture purposes and for student laboratory work is rapidly growing. Among the apparatus may be mentioned a Queen electro-dynamo-meter, alternating current volt-meter, standard resistances, complete

X-ray outfit, large Ruhmkorff coil, several motors, 1500 watt dynamo, hand-power dynamo, demonstration lantern with good optical bench, spectroscope with two prisms, and apparatus for wireless telegraphy.

CABINETS.

BOTANICAL.

The nucleus of the Herbarium was gathered many years ago by an enthusiastic botanist, the late Dr. Aaron Young. It contained a representative collection of New England—especially of Maine plants, a part of which was gathered during the State Geological Survey, conducted by the late Dr. Charles T. Jackson. The plants chiefly used now, however, in the identifying of species, are those that have been pressed and mounted in the laboratory and the herbarium of the late President Chadbourne of Williams College, Mass., which was purchased by the College.

Of this Dr. O. R. Willis, a distinguished botanist of New York, has said: "It is one of the best working Herbariums I have ever examined." Besides its collection of New England plants, including the grasses, sedges, ferns, etc.,—in all about two thousand specimens, it has several groups of ferns from other countries, also pretty full collections of mosses and lichens, named by the highest authorities, and more than a thousand fungi. There are collections of the plants of New Jersey, Tennessee, and Florida, also from several foreign countries, illustrating the identity of many families in Europe and America. There are also collections from Greenland, Labrador, and the tropics, and mountain flora from the Rocky Mountains, the White Mountains, and the Alps. There are also some fifteen hundred duplicates. These are in cabinets of the most approved construction.

MINERALOGICAL.

The cabinet of minerals, shells, and fossils occupies a large room on the second floor of Science Hall. The collection is conveniently arranged and is steadily growing. No attempt is made to secure showy shelf specimens of great cash value. Educational value is the only thing considered. All the common minerals, and many of those of rare occurrence, are fully represented by typical specimens. It is intended to make the collection of local minerals as complete as possible. Among the shells and fossils are many choice specimens.

ORNITHOLOGICAL.

The ornithological collection contains mounted specimens of nearly all the New England birds, besides many from other parts of the United States and from foreign countries. In all there are about one thousand specimens.

LIBRARIES.

The number of volumes in the different libraries is as follows:

College Library (exclusive of pamphlets),	19,400
Divinity School Library,	3,824
Eurosophian Society Library,	609
Total,	23,833

The College Library has been selected with special reference to the needs of the several departments. It is composed mainly of modern publications, and contains many important works of reference. It is increased each year by a regular appropriation. It is open six hours a day for consultation and the delivery of books.

UNIVERSITY EXTENSION.

Members of the Faculty are prepared to give lectures upon subjects in Science, Literature, Philosophy, History, Economics, Sociology, and Pedagogy. Particulars can be learned by correspondence with the President, or the secretary of the Faculty.

PHYSICAL CULTURE.

The medical advisers give each student a thorough physical examination during the first term of attendance at college. From the measurements and strength tests taken, a chart is made out for each student, showing his size, strength, and symmetry, in comparison with the normal standard, and also what parts of the body are defective either in strength or development. A hand-book containing the exercises prescribed for the correction of any physical defects shown by his chart, and giving specific directions in regard to diet and bathing, is furnished each student.

When any student is found defective in vision, he receives from one of the college oculists the specific treatment that his case may require.

During the latter part of the first term and all of the second term each class is required to exercise in the Gymnasium, under the supervision of the Director, for one hour on four days of every week. A graded course of class exercises has been arranged. The Freshmen have developing exercises, military drill, and Indian-club swinging; the Sophomores, boxing, wrestling, and dumb-bell drill; the Juniors, fencing with single sticks and broadswords.

Gymnasium work for the Seniors is optional. For the exercises with chest-weights, bar, rings, etc., each class is divided into divisions, and the work is carefully graded to suit the strength of each division.

The young ladies' work consists of fancy steps, Swedish movements, wand, Indian-club, and dumb-bell exercises; also special work on developing appliances. Basket-ball, bowling, etc., are played two or three times a week.

The Gymnasium is steam heated and equipped with the apparatus necessary for the thorough and systematic training and development of the human body. This apparatus is new and of the most approved modern pattern. In the basement of the Gymnasium are convenient bath-rooms, provided with lockers, hot and cold water, dip baths, shower baths, etc.

Eight fine tennis courts offer abundant opportunity for this healthful game.

ATHLETIC FIELD.

The new Garcelon Athletic Field has been completed and is considered one of the best in New England. Its attractiveness has been greatly increased by the erection, during the last season, of a tasteful and commodious Grand Stand. The field, surrounded by a fence, is seven acres in extent and constructed at an expense of over $6,000. It contains a quarter-mile track, two hundred and twenty yard straight-away, take-offs for the jumps and pole vault, foot-ball field, base-ball diamond, and three excellent tennis courts.

RELIGIOUS EXERCISES.

At the close of the first morning recitation each day all the students, with the Faculty, assemble in the chapel for prayer, reading of scripture, and singing. The Students' Christian Associations—Young Men's and Young Women's—hold a union meeting every Wednesday evening, in the Association room, from 6.30 to 7.15 o'clock. The Y. M. C. A. also hold a meeting Sunday mornings from 9.30 to 10 o'clock. Voluntary classes for Bible study are carried on through the year. The prayer-meetings of the Y. W. C. A. are on Mondays from 6.30 to 7.15 P.M.

The methods employed are successful in making the meetings varied, attractive, earnest, and spiritual. One meeting each month is devoted to some phase of missionary work.

In addition to these, weekly class prayer-meetings are held and are usually well attended.

The last Thursday in January is observed as "The Day of Prayer for Colleges," and is set apart entirely for meetings with a religious purpose. A sermon, to which the public is invited, is preached in the chapel at 2.30 P.M. It is hoped that Christian friends of the College generally will remember this day.

READING-ROOM.

The College has a Reading-Room, independent of the Library, supplied with a large number of the best daily and weekly newspapers, monthlies, and quarterlies. It is kept open during the whole day.

COLLEGE MAGAZINE.

The *Bates Student* is published monthly under the direction of the Editors and Managers selected from the Junior Class. The first number was issued January, 1873.

LITERARY SOCIETIES.

The College has no secret societies. It is doubtless owing largely to this fact that all the students unite with an earnest and wholesome interest in the support of the three literary societies, the EUROSOPHIAN, POLYMNIAN, and PIÆRIAN. The last is a new society, organized in the spring term of 1897. Much systematic work is devoted to preparation for the weekly meetings, which are held on Friday evening, and are occasions not merely of social pleasure, but of most useful drill.

The programmes contain assignments that encourage musical culture, literary criticism, and essay writing.

The meetings afford thorough discipline in debate and in the proper conducting of deliberative assemblies, together with a stimulus to excellence in these attainments that to many is an educating force rarely found in colleges, and hardly second in utility to any department of the curriculum.

YEARLY EXPENSES.

Tuition,	$50.00		$50.00
*Room Rent,	9.00	to	18.00
Board (37 weeks, from $2.00 to $3.00 per week),	74.00	to	111.00
Fuel, lights, washing, books, etc.,	30.00	to	35.00
Use of Library,	3.00		3.00
Incidentals and Repairs,	8.00		10.00
Catalogues,	1.00		1.00
Instruction in Gymnasium,	3.00		3.00
Total,	$178.00		$231.00

Students taking Laboratory courses in Chemistry and Physics are charged an extra fee of five dollars each term.

The Freshmen pay a fee of one dollar for their medical examination, chart, and hand-book.

Board in private families (washing, wood, etc., included), $4.00 to $5.00 per week. Students are advised in regard to selecting their rooms and boarding places, and after the selection is made are not expected to change without consulting the Class Officer.

College bills for the First Term must be paid by October 15th, and for the Second Term by March 1st. Students unable to pay their bills on or before the above dates are required promptly to present to the Faculty in writing their reasons why further time is necessary. Bills for the Third Term must be paid by May 16th. Requests for an extension of time beyond this date must be made in writing to the College Treasurer.

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* In Parker Hall suites of rooms, accommodating two or more students, and heated by steam, cost from $30 to $60 a year.

EXAMINATIONS.

Written examinations are given at the close of each term and at such other times as the instructors may determine.

RANK BILLS.

These are sent to the parent or guardian of each student at the close of every term.

DEGREES.

The Degree of Bachelor of Arts is conferred on all students who complete satisfactorily the requisite courses.

The Degree of Bachelor of Science is conferred upon those who have pursued the courses of study appropriate to the degree.

The Degree of Master of Arts is conferred on graduates of the College of at least three years' standing who have completed one year's graduate non-professional study or its equivalent. Either two or three subjects may be selected, with the advice and under the direction of the heads of the College departments. Evidence of proficiency is to be given by examination and thesis. Theses must be presented and fee paid as early as June 1st, and final examinations must be passed not later than ten days before the annual Commencement. The fee is $10.00. Modifications of the foregoing conditions may be granted resident graduates.

BUILDINGS.

The College has eight buildings—Hathorn Hall, Parker Hall, Hedge Laboratory, Science Hall, Roger Williams Hall, Coram Library, Gymnasium, and President's House.

CORAM LIBRARY.

Coram Library has just been completed, and will, it is expected, be ready for occupancy early in January, 1902.

It is one of the most beautiful and best planned buildings of its kind. Its reading, reference, seminar, and stack rooms are models of taste and convenience. One of the largest rooms has been reserved for the reception of statuary, bronzes, pictures, and curios that the friends of the College have been waiting to give when a suitable place should be provided. There is now ample space for new books, and it is hoped that long standing needs in various departments will soon be met. Special attention is invited to the needs in the departments of Sociology, Economics, and History.

ADDITIONAL NEEDS.

Funds are needed for increasing the endowment, for new professorships, for scholarships, for the Library, for the erection of a Hall, with a Gymnasium, for the young women of the College, and for an Auditorium with rooms for the Literary and the Religious Societies. The need for a Woman's Hall is urgent.

The following are some of the grounds on which the College solicits aid:

1. To a large number of young men and young women it offers their sole reasonable hope for obtaining a liberal education.

2. It is recruiting the ranks of educators, East, South, and West, with a body of scholars and teachers of signal ability and influence.

3. No college in the country has been more successful in securing character as well as scholarship.

4. The work of the College has no taint of sectarianism.

5. The location of the College seems the best possible for its usefulness. It can gather young men and young women of small means but of great promise, and can give them the New England culture of heart and mind to be used for the good of our entire country.

6. It took up the cause of higher education for women when it was unpopular.

7. Nowhere in our country is there a more vital connection between every dollar to educational work and the forces that are shaping our Christian civilization.

Forty thousand dollars will endow a professorship. One thousand dollars will endow a perpetual scholarship.

FORM OF A BEQUEST.

"I give and bequeath to the President and Trustees of Bates College, a corporation existing in Lewiston, Maine, the sum of ————dollars, in trust, the principal of said sum to be safely invested by them, and the income thereof appropriated under their direction for the purposes of the College."

SCHOLARSHIPS.

State Scholarships.

There are ten State Scholarships (giving tuition to ten students) in the hands of the Governor; and in bestowing them preference is given to the children of those who have borne arms in defense of their country, and always to students who are needy and meritorious.

Each of the following scholarships has been endowed by a donation of one thousand dollars, and it gives free tuition to the student elected to hold the scholarship:

Redington Scholarship—For a Lady Student.

Endowed by the late Hon. Asa Redington, LL.D., of Lewiston. This is supposed to be the first instance of such an appropriation in any of the colleges.

Dudley Scholarship.

Endowed by Alvin D. Dudley, Esq., of Haverhill, Mass.

Cheney Scholarship—For a Student from New Hampshire.

Endowed by Hon. Person C. Cheney, A.M., of Manchester, N. H.

Woodman Scholarship.

Endowed by the Paige Street Free Baptist Church, Lowell, Mass., in memory of Rev. Jonathan Woodman, late pastor of the church.

Symonds Scholarship.

Endowed by the Plymouth Free Baptist Church, Portland, in memory of Joseph Symonds, Esq., deacon of the church.

Clements Scholarship.

Endowed by the late Rev. Tisdale D. Clements of Lewiston.

Bridge Scholarship.

Endowed by Charles Bridge, Esq., of Gardiner.

Lewis Scholarship.

Endowed by the late Chace Lewis, Esq., of Providence, Rhode Island.

Class Scholarship.

Endowed by the Class of 1877.

Bartlett Scholarship.

Endowed by the Main Street Free Baptist Church, Lewiston, in memory of Rev. Flavel Bartlett.

Nathaniel Bowen Scholarship.

Endowed by Mrs. Hannah Bowen of Providence, R. I.

Cobb Scholarship.

Endowed by the late Hon. C. C. Cobb of Lewiston, in memory of his son, Rev. Frank Woodbury Cobb, A.M., Class of 1873.

Houghton Scholarship.

Endowed by the late Rev. Alphonso L. Houghton, A.M., of Lawrence, Mass., Class of 1870.

Randall Scholarship.

Endowed by Mrs. Abby Randall, in memory of Isaac Randall, Esq., of Johnston, R. I.

Williamson Scholarship.

Endowed by Elias W. Williamson, Esq., Potter's Landing, Md., in memory of his father, Rev. Stephen Williamson of Stark.

Quinnum Scholarship.

Endowed by Mrs. James B. Hobbs of Chicago, Ill., in memory of her father, Rev. Constance Quinnum.

Eaton Scholarship.

Endowed by Mrs. Oliver H. Durrell of Cambridge, Mass., in memory of her father, Rev. Ebenezer G. Eaton of Lewiston.

Baldwin Scholarship.

Endowed by the late B. C. Baldwin, Esq., of Lowell, Mass., in memory of his wife.

Bonney Scholarship.

Endowed by Mrs. Harriet Cheney Bonney and Sherman G. Bonney, M.D., in memory of Calvin F. Bonney, M.D., of Manchester, N. H.

Frye Scholarship.

Endowed by Hon. William P. Frye, LL.D., of Lewiston.

Nutting Scholarship.

Endowed by the late Lyman Nutting, Esq., of Lebanon, Pa., in memory of his sister, Mrs. Charlotte Nutting Chadbourne.

Ellis Scholarship.

Endowed by Miss M. A. Wales of Boston, Mass., in memory of her pastor, Rev. Rufus Ellis, D.D.

Talpey Scholarship.

Endowed by Hon. Charles W. Talpey of Farmington, N. H.

Thissell Scholarship.

Endowed by Mrs. Abby T. Deering of Portland, in memory of Hon. John Thissell of Corinth.

Ward Scholarship.

Endowed by Mrs. Mary E. Ward, in memory of her husband, Warren Ward, Esq., of Auburn.

Bean Scholarship.

Endowed by Cyrus E. Bean, Esq., of Portland, in memory of his father, Cotton Bean, Esq., of Limerick.

Small Scholarship.

Endowed by James T. Small, Esq., of Lewiston, in memory of his son, Everett J. Small, Class of 1889.

Dyer Scholarship.

Endowed, for the benefit of some student preparing for the Christian ministry, by Mrs. Irene M. Higgins, in memory of her parents, Mr. and Mrs. Jonah Dyer of Cape Elizabeth.

Cushman Scholarship.

Endowed by Ara Cushman, Esq., of Auburn.

Page Scholarship.

Endowed by Peter Page, Esq., of New York City.

Ramsey Scholarship.

Endowed by Mrs. V. G. Ramsey of North Berwick, in memory of her husband, Rev. G. P. Ramsey.

Mathews Scholarship.

Endowed by John M. Mathews, Esq., of Burlington, Vt., in memory of his daughter, Orissa Frances Mathews.

Perkins Scholarship.

Endowed by Mrs. Moses W. Shapleigh of Ashland, N. H., in memory of her father, Rev. Thomas Perkins.

Woodbury Scholarship.

Endowed by friends of the late Charles Woodbury of Boston, for the benefit of some Methodist student.

Harmon Scholarship.

Endowed by the late Ivory W. Harmon of Newton Center, Mass., in memory of his son, Wallace Ivory Harmon.

Mary L. Stone Scholarship.

Endowed by James S. Stone of Boston, Mass., in memory of his wife.

Jordan Scholarship.

Endowed by Merrill Page and Emily Deering Jordan, in honor of Rev. Zachariah and Sabrina Page Jordan.

Clapp Scholarship.

Endowed by Lucius Clapp, Esq., of Randolph, Mass.

Weber Scholarships.

The Trustees, under will of the late Frederick E. Weber of Boston, Mass., have given five thousand dollars for the maintenace of Weber Scholarships, for the benefit of needy and deserving students at Bates College. It is a condition of the gift that one-half of the income shall be added to the principal year by year; and that the remaining half only shall be used for the support of said scholarships.

Lovina Haines Haskell Scholarship.

Endowed by Edwin B. Haskell of Boston, Mass.

Fiske Scholarship.

Endowed by Miss Elizabeth S. Fiske of Boston, Mass.

Rowe and Clarry Scholarships.

Endowed by a bequest of Mrs. Emily H. C. Rowe in memory of her daughter, Miss Emma F. Clarry, and affording free tuition to four young women, preference to be given to worthy students from Brooks, Me.

Dexter N. Richards Scholarship.

Endowed by Mrs. L. M. Richards of Brookline, Mass., in memory of her husband.

Stetson Scholarship.

Endowed by Amos W. Stetson of Boston, Mass.

Waldron Fund.

Given by Rev. William H. Waldron of Farmington, N. H., the interest to pay the tuition of students studying for the Christian ministry.

Knowlton Scholarship Fund.

Hon. Hiram Knowlton of Portland, Me., has deposited with the treasurer of the College $3,000, the income of which sum is to be used, when under the stipulated conditions it shall become available, for the maintenance of certain scholarships.

Joseph S. Ricker Scholarship Fund.

A fund of $10,000 to ensure free tuition to deserving women students—the beneficiaries to be selected, whenever practicable, from different counties in Maine.

Bradstreet Fund.

Mr. William W. Bradstreet of Gardiner, Me., has just established a Trust Fund of $2,000, the income of which is to be used for the benefit of deserving students, under the direction of the President of the College, and in accordance with certain conditions specified in the trust.

Student Fund.

Students contemplating the Christian ministry receive assistance every year of the course.

PRIZES.

Prizes will be awarded as follows:

First—For General Scholarship.

To the Junior Class—Two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

To the Sophomore Class—Two prizes of EIGHT DOLLARS each, one to a young man and one to a young woman.

To the Freshman Class—Two prizes of SIX DOLLARS each, one to a young man and one to a young woman.

Second—For Excellence in Declamation.

In the Second Term—To the Freshman Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the First Term—To the Sophomore Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the Third Term—To the Junior Class, a prize of TWENTY DOLLARS, for excellence in original declamation. Also for several years a special prize of SEVENTY-FIVE DOLLARS has been given for original declamation.

Third—For Excellence in English Composition.

In the Third Term—To the Sophomore Class, a prize of TEN DOLLARS.

Fourth—For Excellence in Public Debate.

Second Term—To each division of the Sophomore Class, a prize of TEN DOLLARS.

Third Term—The Champion Debate—A prize of TWENTY DOLLARS. Eight are elected from the Sophomore Class to participate in it.

Hon. F. M. Drew gives annually two prizes of TWENTY-FIVE DOLLARS each for excellence in team debate.

For the past year prizes have been awarded as follows:

For General Scholarship—Arthur E. Darling, Bessie D. Chase, Norris S. Lord, Nellie L. Prince, Eugene B. Smith, Alice L. Sands.

For Public Declamation—1900, to John A. David, Bessie L. Bray; 1901, to Carroll L. Beedy, Hazel Donham.

For English Composition—1901, to Bessie D. Chase.

For Original Declamation—1901, to John F. Hamlin, Julia E. Babcock.

For Public Debate—1901, to Nellie L. Prince, Theodore L. Lothrop, Norris S. Lord, Abbie L. Merriman, Hazel Donham, Leon A. Wardwell.

For Champion Debate—1901, to Leon A. Wardwell.

For Original Essay—1901, to Clarence L. Jordan.

STUDENTS.

SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Allen, Clara Frances,	*Leominster, Mass.*	218 College Street.
Ames, Florence Sophia,	*Lewiston.*	70 Elm Street.
Babcock, Julia Emma,	*Lewiston.*	115 Wood Street.
Bemis, Elwin Rynell,	*Dexter.*	13 P. H.
Blake, Harry Alfred,	*Dexter.*	H. H.
Blanchard, Lucian William,	*Rumford Falls.*	13 P. H.
Bragg, Irving Orison,	*St. Albans.*	11 P. H.
Chase, Bessie Dyer,	*Lewiston.*	16 Frye Street.
Childs, Earle Alfred,	*East Dixfield.*	12 P. H.
Clason, Ernest Fairlie,	*Lisbon Falls.*	39 P. H.
Daicey, Elmer Eugene,	*Auburn.*	109 Summer Street, Auburn.

Darling, Arthur Edwin,	*Auburn.*	210 Main Street, Auburn.
Day, Francena Bertha Rust,	*Auburn.*	80 Dunn Street, Auburn.
Dean, Ethel Mae,	*South Paris.*	150 College Street.
Deane, Lewis James,	*Lewiston.*	417 Main Street.
Densmore, Willis Andy,	*Kennebunk.*	17 P. H.
Dexter, Arthur Lewis,	*Lowell, Mass.*	12 P. H.
Donnocker, Charlie Fletcher,	*Melrose Highlands, Mass.*	9 P. H.
Drake, Mabel Edith,	*Auburn.*	7 Parker Street, Auburn.
Drake, Willard Melvin,	*Auburn.*	7 Parker Street, Auburn.
Elkins, Leon Whitney,	*Jackson, N. H.*	35 P. H.
Felker, Ivan Isaiah,	*Pittsfield.*	11 P. H.
Field, Bertha Sarah,	*Auburn.*	141 Nichols Street.
Gosline, Edna Mae,	*Sussex, King's Co., N. B.*	262 College Street.
Hamlin, John Frederick,	*Bangor.*	18 P. H.
Harrington, Virgil DeWitt,	*Whitefield, N. H.*	9 P. H.
Holman, George Shaw,	*Dixfield.*	39 P. H.
Hunnewell, John Arthur,	*Scarborough.*	7 P. H.
Kimball, L. Florence,	*Newburyport, Mass.*	262 College Street.

Lang, Ivan,	*Bowdoinham.*	17 P. H.
Leggett, Lillian Gertrude,	*Northborough, Mass.*	17 Frye Street.
Lodge, James Alexander,	*Manchester, Mass.*	8 P. H.
Long, Flora Estella,	*Auburn.*	21 Lake Street, Auburn.
Longwell, Samuel Earle,	*Big Flats, N. Y.*	32 Cottage Street.
Lunt, Georgiana,	*Auburn.*	204 Cook Street, Auburn.
McCleary, Alfred Elwood,	*Maynard, Mass.*	8 P. H.
McCollister, Philena,	*Lewiston.*	103 College Street.
McLean, Ernest Llewellyn,	*Augusta.*	H. H.
Merrill, Annie Louisa,	*Gardiner.*	87 Wood Street.
Merry, Bion Corydon,	*East New Portland.*	40 Mountain Avenue.
Moody, Frank Benjamin,	*North New Portland.*	7 P. H.
Ohol, Augustine Deo,	*Rahuri, Hindustan.*	239 College Street.
Park, Clarence Ernest,	*Lyndon Center, Vt.*	18 P. H.
Pettengill, Ruth Eugenia,	*Curtis Corner.*	137 Nichols Street.
Purinton, Angie Lois,	*Montsweag.*	247 College Street.
Richmond, Mabel Arnold,	*Monmouth.*	247 College Street.
Russell, Ethel Almeda,	*Auburn.*	53 Fifth Street, Auburn.

SAWYER, SAMUEL ELLISON,	*Lewiston.*	179 Oak Street.
SHEA, KATHARINE LOLA,	*Lewiston.*	93 Main Street.
SULLIVAN, WALTER EDWARD,	*Oakland.*	147 Oak Street.
SUMMERBELL, LAURA,	*Eddytown, N. Y.*	262 College Street.
THOMPSON, GRACE ELLEN,	*Stratham, N. H.*	262 College Street.
TRUELL, HATTIE PEARL,	*Northborough, Mass.*	87 Wood Street.
TRYON, ARTHUR WILLIAM,	*Auburn.*	15 Oak Street, Auburn.
TUCKER, ELLIE LOUISE,	*Athens.*	370 College Street.
WALL, ERASTUS LEWIS,	*Rockport.*	35 P. H.
WATSON, BESSIE VARA,	*West Somerville, Mass.*	247 College Street.
WATTS, SUSIE FRANCES,	*Littleton Common, Mass.*	262 College Street.
WHEELER, MARGARET ELIZABETH,	*Wayland, Mass.*	262 College Street.

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JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Adams, Walton Samuel,	*Bowdoinham.*	411 Main Street.
Alexander, Carrie Maude,	*Litchfield Corner.*	44 Cottage Street.
Allen, Charles Plummer,	*Columbia Falls.*	37 P. H.
Bailey, Lowell Ernest,	*North Anson.*	30 S. H.
Bartlett, Grace Etta,	*Dixfield.*	33 High Street, Auburn.
Beedy, Carroll Linwood,	*Lewiston.*	2 Davis Street.
Brown, Robert Alpheus,	*Bowdoin Center.*	40 P. H.
Bucknam, Nathan Carlton,	*Columbia Falls.*	37 P. H.
Case, Egbert A.	*New Hampton, N. H.*	
Catheron, Robert Scott,	*Needham, Mass.*	29 P. H.
Chase, Bertha Emma,	*Auburn.*	98 Spring Street, Auburn.
Clark, Anna Louise,	*Exeter, N. H.*	142 College Street.
Coolidge, Charles Wilson,	*Lisbon Falls.*	41 P. H.
Cornforth, Edna,	*Skowhegan.*	239 College Street.

Cumner, Guy,	*Lewiston.*	9 Union Street.
Donham, Hazel,	*Hebron.*	262 College Street.
Felker, Annie Etta,	*Strafford Corner, N. H.*	403 Main Street.
Fisher, Olive Grace,	*Lewiston.*	35 High Street.
Freeman, Lucy Louise,	*West Gray.*	227 College Street.
Gray, Arthur William,	*Auburn.*	274 Main Street, Auburn.
Given, Jane Mary,	*Bowdoinham.*	148 Nichols Street.
Hicks, Charles Ernest,	*Danville Junction.*	123 Spring Street, Auburn.
Higgins, Everett Clifton,	*Clinton.*	10 P. H.
Howes, Allison Prince,	*Hartland.*	17 Frye Street.
Hunt, Ralph Leslie,	*Gardiner.*	14 P. H.
Jennings, Hulbert Randall,	*Bowdoinham.*	411 Main Street.
Jordan, Clarence Lorine,	*New Portland.*	94 Nichols Street.
Jordan, Theresa Ella,	*Auburn.*	7 Forest Avenue, Auburn.
Junkins, John Chester,	*York Corner.*	25 P. H.
Kelly, Howard Clinton,	*Saco.*	133 College Street.
Kendrick, Katherine Howe,	*Litchfield Corner.*	87 Elm Street.
Kendrick, Susie May,	*Litchfield Corner.*	87 Elm Street.

Keyes, William Wheeler,	*Litchfield Plains.*	46 P. H.
Lord, Norris Samuel,	*Limerick.*	36 P. H.
Lord, Harriet Belle,	*Auburn.*	404 Turner Street, Auburn.
Lothrop, Theodore Aubrey,	*Lewiston.*	52 Wood Street.
Manual, Ida Mae,	*Franklin Falls, N. H.*	74 Nichols Street.
Maerz, Alexander,	*Lewiston.*	179 Oak Street.
Miller, Frances Augusta,	*Lewiston.*	6 Frye Street.
Nichols, Roger William,	*West Epping, N. H.*	163 Lisbon Street.
Norton, Lillian Alice,	*Lewiston.*	30 Elm Street.
Pingree, Clara Bearce,	*Lewiston.*	17 Wakefield Street.
Piper, John Obed,	*Bingham.*	34 P. H.
Pray, James Edwin,	*Gardiner.*	14 P. H.
Prince, Nellie Louise,	*New Boston, N. H.*	403 Main Street.
Purinton, Emery Healy,	*West Bowdoin.*	41 P. H.
Putnam, Vivian Bowen,	*Lewiston.*	15 Skinner Street.
Ramsdell, George Edwin,	*East Hebron.*	45 P. H.
Roys, Edville Adalas,	*Lewiston.*	85 Russell Street.
Sanderson, Burton Willard,	*E. Waterford.*	46 P. H.

Sawyer, Carl Dore,	*Auburn.*	399 Court Street, Auburn.
Sharp, Alberta Eleanor,	*Lewiston.*	83 Lowell Street.
Smith, Linneon Rose,	*Winchendon, Mass.*	262 College Street.
Staples, Amy Metcalf,	*Lewiston.*	487 Main Street.
Stebbins, George Edwin,	*Shelburne Falls, Mass.*	30 S. H.
Stone, Fred Linwood,	*Auburn.*	19 P. H.
Stratton, Bertha Mae,	*Auburn.*	63 Winter Street, Auburn.
Tasker, Marion Emma,	*Randolph.*	226 College Street.
Thayer, Harold Hamilton,	*South Paris.*	42 P. H.
Towle, Jeanne May,	*Woolwich.*	247 College Street.
Towne, Harry Merritt,	*East Parsonsfield.*	23 P. H.
Tozier, Delmont,	*Solon.*	51 P. H.
Trufant, Lester Hall,	*Auburn.*	10 P. H.
Wardwell, Leon Alta,	*Paris.*	162 College Street.
Williams, Annie Evelyn,	*Topsham.*	247 College Street.
Williams, Clara Horton,	*West Bowdoin.*	247 College Street.
Witham, Raymond Lee,	*Lisbon Falls.*	133 College Street.

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SOPHOMORE CLASS.

NAME.	RESIDENCE.	ROOM.
Allen, James Garfield,	*Turner.*	349 College Street.
Babcock, Ervin Nehemiah,	*Lewiston.*	115 Wood Street.
Barker, Abby Louise,	*Wayne.*	130 Wood Street.
Barr, John E.,	*Lowell, Mass.*	
Billings, Lucy Mae,	*Eastbrook.*	211 College Street.
Bradford, Edith Clare,	*North Paris.*	247 College Street.
Bradford, Harry Lewis,	*Newport.*	60 Middle Street.
Bray, Bessie Leila,	*Auburn.*	69 James Street, Auburn.
Bray, Emma Adeline,	*Auburn.*	69 James Street, Auburn.
Briggs, Judson Carrie,	*Caribou.*	33 P. H.
Brown, Arthur Colwell,	*East Poland.*	10 P. H.
Brown, Harry Alvin,	*Liberty.*	100 Elm Street.
Bryant, Daniel Leslie,	*North Leeds.*	45 P. H.
Carrow, Mae Helena,	*Auburn.*	1 Manley Street, Auburn.

Casey, Daniel Edward,	*Auburn.*	37 Loring Avenue, Auburn.
Casson, Fred Ray,	*Lewiston.*	146 Oak Street.
Cole, Perley Llewellyn,	*Harrison.*	43 P. H.
Cooper, Bessie Cora Helena,	*Smyrna Mills.*	74 Nichols Street.
Crocker, Francis Benjamin, Jr.,	*Nahant, Mass.*	52 P. H.
Cutten, Leverett Howell,	*Portland.*	23 P. H.
David, John Archer,	*Chelsea, Mass.*	86 Nichols Street.
Davis, Sara Maude,	*Foxcroft.*	262 College Street.
Day, Wesley Chester,	*Auburn.*	80 Dunn Street, Auburn.
Dunfield, Frank Freeman,	*Glenville, West Co., N. B.*	17 R. W. H.
Flanders, Jesse Knowlton,	*Franklin Falls, N. H.*	15 P. H.
Fortier, Harry Earl,	*Turner Center.*	349 College Street.
Frost, Alice Imogene,	*Norway.*	247 College Street.
Garland, Ernest Charles,	*Lewiston.*	8 Vale Street.
Gay, Merritt Brackett,	*Bethel.*	
Goddard, Harriet Elmira,	*Independence, Kansas.*	181 Oak Street.
Green, Ruby Luella,	*Hodgdon.*	139 College Street.
Hamilton, Effie Lorania,	*Waterboro'.*	262 College Street.

Hammond, Frank Merton,	*Lincoln.*	34 P. H.
Harmon, George Henry,	*Bath.*	40 S. H.
Hayes, Robert Hunter,	*Lewiston.*	10 Hammond Street.
Hodgson, Florence Ethel,	*Lewiston.*	194 Bates Street.
Holman, Ernest Marshall,	*South Carthage.*	26 R. W. H.
Lane, Earl Carlton,	*Livermore Falls.*	10 Arch Avenue.
Lewis, Albion Bayard,	*Springfield.*	33 P. H.
Luce, Milton Leroy,	*New Vineyard.*	28 S. H.
Lugrin, Bessie Atherton,	*Lewiston.*	122 Sabattus Street.
McKusick, Carroll Lee,	*Parkman.*	11 Mountain Avenue.
Milliken, Hattie True,	*Augusta.*	16 Frye Street.
Mitchell, Nelson Stafford,	*Harmony.*	211 College Street.
Morison, Virabel,	*East Livermore.*	130 Wood Street.
North, Edna Mae,	*Turner.*	218 College Street.
Parker, Susie Louise,	*Lisbon Falls.*	60 Wood Street.
Parkin, Maude Ellen,	*Lisbon Falls.*	262 College Street.
Parlin, Amber Lorene,	*Lewiston.*	203 Oak Street.
Phillips, Eva Ingraham,	*Lewiston.*	159 Pine Street.

Plant, Perley Hollis,	*Denmark.*	15 P. H.
Preston, Margaret Lucinda,	*New Hampton, N. H.*	262 College Street.
Reynolds, Elsie Mabel,	*Livermore Falls.*	262 College Street.
Robbins, Bradford Hilton,	*Auburn.*	137 Pleasant Street, Auburn.
Ross, George Andrew,	*Alexandria, Va.*	134 College Street.
Russell, Bessie Lucile,	*Lewiston.*	98 Pine Street.
Sands, Alice Laura,	*Lewiston.*	19 Walnut Street.
Senter, George Adams,	*Windham, N. H.*	24 R. W. H.
Sinclair, John Abbott,	*Stetson.*	28 S. H.
Smith, Eugene Bernard,	*S. Framingham, Mass.*	26 R. W. H.
Spofford, Albion Keith,	*South Paris.*	44 P. H.
Swan, Frederick Mott, Jr.,	*New Sharon.*	163 Lisbon Street.
Sweeney, Joseph Cleveland,	*Sabattus.*	At Home.
Thompson, Edith Etta,	*Farmington.*	262 College Street.
Thompson, Grace Violet,	*Lewiston.*	12 Webster Street.
Turner, Viola Josephine,	*Palermo Center.*	8 Vale Street.
Walker, Alta Claire,	*South Paris.*	247 College Street.

Walker, Charles Henry,	*Mechanic Falls.*	6 Maple Street, Mechanic Falls.
Wallace, Almira Rice,	*Concord, N. H.*	211 College Street.
Wallace, Fred William,	*Sandwich, N. H.*	211 College Street.
Wardwell, Amy Ethel,	*Paris.*	247 College Street.
Weymouth, Guy Linwood,	*Greene.*	86 Nichols Street.
Weymouth, Milton Wedgwood,	*West Auburn.*	At Home.
Wheeler, Anella Martha,	*Berlin, Mass.*	262 College Street.
White, Ethelyn Gertrude,	*New Hampton, N. H.*	218 College Street.

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FRESHMAN CLASS.

NAME.	RESIDENCE.	ROOM.
Abbott, John Woodward,	*Lewiston.*	10 Pleasant Street.
Ames, Marion Dinant,	*Lewiston.*	70 Elm Street.
Andrews, Delbert Elvin,	*Jefferson.*	21 P. H.
Badger, Byrd Leroy,	*Bingham.*	10 Arch Avenue.
Bailey, Clinton Emery,	*Auburn.*	97 Spring Street, Auburn.
Bartlett, Mary Alice,	*S. Natick, Mass.*	13 Skinner Street.
Benner, Guy Percy,	*S. Monmouth.*	150 Nichols Street.
Bessey, Earle Dutton,	*Brooks.*	34 P. H.
Blake, Percy Harold,	*Auburn.*	2 R. F. D., Auburn.
Briggs, Adelaide Louise,	*Lewiston.*	1051 Main Street.
Bryant, Elsie Mary,	*North Leeds.*	247 College Street.
Butterfield, Emma F.	*Danforth.*	
Cole, Elijah Day,	*Mechanic Falls.*	Yates Street, Mechanic Falls.
Cooper, Christopher George,	*Smyrna Mills.*	173 Wood Street.

Cornelison, Mabel May,	*Houlton.*	207 College Street.
DeMeyer, John Everard,	*Eastbrook.*	22 P. H.
Doe, Harry Franklin,	*Livermore.*	42 P. H.
Donnell, Ardella Dill,	*Lewiston.*	79 Elm Street.
Downey, Daisy Vaughn,	*Lyndon Centre, Vt.*	115 Wood Street.
Doyle, Fred Smith,	*Caribou.*	44 P. H.
Durell, Charles Pendexter,	*Oxford.*	24 Frye Street.
Fenderson, Myrtle Mabel Olive,	*Auburn.*	22 Charles Street, Auburn.
Files, Bertha Celestia,	*Bangor.*	13 Skinner Street.
Finn, James Gregory,	*Lewiston.*	74 Knox Street.
Getchell, Carl Folsom,	*Monmouth.*	53 Main Street.
Goddard, Lucile Bruff,	*Woodfords.*	139 College Street.
Gould, May Evelyn,	*Skowhegan.*	99 College Street.
Hale, Leona Josephine,	*Chebeague.*	66 Howe Street.
Hayford, Jessamine Amanda,	*Mechanic Falls.*	2 Maple Street.
Hodnett, Mabel,	*Danforth.*	239 College Street.
Holman, Orin Merton,	*Otisfield Gore.*	16 Frye Street.
Holmes, Effie Mabelle,	*Lewiston.*	13 Skinner Street.

Junkins, Charles Edson,	*York Corner.*	25 P. H.
Kelly, Ralph Lester,	*Saco.*	151 Nichols Street.
Lawry, William Ernest,	*Lewiston.*	88 Russell Street.
Lewis, Theodore Arthur,	*S. Framingham, Mass.*	49 P. H.
Libbey, Harold Shaw,	*Lewiston.*	128 Sabattus Street.
Lincoln, Mary Alice,	*Meredith, N. H.*	218 College Street.
Luchenbach, Harvey Anson,	*South Monmouth.*	33 R. W. H.
Mason, Forest Lionell,	*Mechanic Falls.*	40 High Street, Auburn.
Maxim, Alton True,	*South Limington.*	40 S. H.
Milbury, George Douglas,	*Tracy Mills, N. B.*	4 R. W. H.
Millett, Charlotte A.,	*Gorham.*	247 College Street.
Minard, Nellie Evelyn,	*N. Attleboro, Mass.*	250 College Street.
Mitchell, Marion Ethel,	*Bangor.*	13 Skinner Street.
Moriarty, Nella Irene,	*Carmel.*	28 Howe Street.
Nichols, Herbert Leon,	*S. Framingham, Mass.*	50 P. H.
North, Charles David,	*Turner.*	349 College Street.
Norton, Monira Louise,	*Auburn.*	34 Loring Avenue, Auburn.
Paine, Charles Eugene,	*Whitinsville, Mass.*	29 P. H.

Parsons, Fenton Eugene,	*Dixville, P. Q.*	49 P. H.
Parsons, William Lewis,	*New Portland.*	46 P. H.
Patten, John Gray,	*Bowdoinham.*	411 Main Street.
Payne, Harold Gould,	*Auburn.*	32 Beacon Avenue, Auburn.
Peabody, Grace May,	*Lewiston.*	125 Wood Street.
Perkins, Elizabeth Sarah,	*Alfred.*	256 College Street
Peterson, John Emil,	*Marlboro, N. H.*	32 R. W. H.
Pettingill, Mary Reed,	*Danvers, Mass.*	125 Wood Street.
Pugsley, John Butler,	*Somersworth, N. H.*	7 P. H.
Ramsdell, Mary Jane,	*East Hebron.*	247 College Street.
Reed, Ada Maud,	*Sabattus.*	130 College Street.
Reed, John Stillman,	*Frye.*	19 P. H.
Rounds, Frank Wendell,	*South Paris.*	227 College Street.
Salley, Ashmun Clark,	*Lewiston.*	14 Mountain Avenue.
Sampson, George Gordon,	*W. Farmington.*	40 S. H.
Small, Lillian Maude,	*N. Pownal.*	69 Spring Street, Auburn.
Spiller, Iva Nella,	*Casco.*	160 Wood Street.
Spooner, Thomas,	*Auburn.*	2 Union Street.

Staples, Shirley Emery,	*Philadelphia, Penn.*	1 Lake Street, Auburn.
Stetson, Lilla Augusta,	*Auburn.*	175 Whitney Street, Auburn.
Stetson, Mary Louise,	*Auburn.*	175 Whitney Street, Auburn.
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Symonds, Sadie Brooks,	*Exeter, N. H.*	226 College Street.
Thibodeau, May Cummings,	*Norway.*	247 College Street.
Thissell, Amy Dodge,	*Beverly, Mass.*	239 College Street.
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Winslow, Ralph Golder,	*Lewiston.*	91 Horton Street.
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SUMMARY.

Senior Class,	59
Junior Class,	67
Sophomore Class,	75
Freshman Class,	92
Total,	293

H. H.,	Hathorn Hall.	P. H.,	Parker Hall.
R. W. H.,	Roger Williams Hall.		
S. H.,	Science Hall.		

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Bachelder, Willard Kezar
Bailey, Annie Eugenia
Bennett, Mae Seeley
Besse, Bertha Amanda
Blanchard, Delia Mae
Bragg, Jessie Sumner
Brett, Bertha Mabelle
Cartland, Alice M.
Channell, Ralph Walter
Chick, Arthur Jesse
Clark, Arthur Charles
Davis, Eben Frank
Demack, Leo Charles
Dennison, Martha Ella
Dow, Mittie Anna
Ellingwood, William Henry Swift
Estes, Nina Theresa
Fisher, Anna Hortense
Goddard, Annette May
Goss, Ralph Warren,
Guptill, Herbert Samuel
Ham, William Ross
Hicks, Maleen Peabody
Holmes, William King
Irving, Bertha Lorea
Jordan, Elwyn Knowlton
Landman, Nina Floretta
Lambe, Mary Bell
Libbey, Gertrude Brown
Libby, Caroline Emily
Marr, William Middleton
Mills, Harriett Bagnall
Moore, Harry Leroy
Moulton, Percy Daniel
Neal, Josephine Bicknell
Noyes, Blanche Belle
Osborne, Florence Eldora
Parker, Ezra Steeves
Parker, Louise Lester
Pierce, Walter Blake
Rand, Vernie Elmer
Roberts, Richard Sewall Woodbury
Roys, Lincoln
Small, Flora Belle
Small, Lucy Jane
Smith, Harry Ira
Stevens, Harold Elmer Ellsworth
Stuart, Herman Harry
Swain, Edith L.
Towle, Lena Belle
Towne, Charlotte Gertrude
Trickey, Harold Albert Mariner
Varney, Bertha May
Vickery, Ethel Belle
Wagg, Frank Perley
Wheeler, Carlon Eugene
Williams, Leroy Everett
Wilson, Joseph Edward

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03

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Bates College

1902-1903

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OF

BATES COLLEGE

LEWISTON, MAINE.

1902-1903.

LEWISTON, ME.:
PRINTED AT THE JOURNAL OFFICE.
1902.

1903

JANUARY

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CALENDAR.

1902.

Sept. 9—Fall Term begins, ... Tuesday.
Oct. 15—Tuition due.
Nov. 27—Thanksgiving Day, Holiday, . . . Thursday.
Dec. 2—Examinations begin, ... Tuesday.
Dec. 5—Fall Term closes, ... Friday.

1903.

Jan. 6—Spring Term begins, ... Tuesday.
Jan. 29—Day of Prayer for Colleges, . . . Thursday.
Feb. 24–March 9—Freshman Preliminary Declamations, 2 P.M.
Prize Division, ... 2 P.M.
March 2—Tuition due.
March 10–20—Sophomore Debates, ... 2 P.M.
March 24—Examinations begin, ... Tuesday.
March 27—Spring Term closes, ... Friday.
March 27—Senior Exhibition, ... Friday, 7.45 P.M.
April 7—Summer Term begins, ... Tuesday.
May 1—Tuition due.
June 17–20—Examination of the College Classes, Wednesday–Saturday.
June 21—Baccalaureate Exercises, . . Sunday, 10.30 A.M.
June 21—Sermon before the College Christian Associations, Sunday, 7.45 P.M.
June 22—Sophomore Prize Debate, . . Monday, 2.30 P.M.
June 22—Junior Exhibition, . . . Monday, 7.45 P.M.
June 23—Annual Meeting of the Alumni, . Tuesday P.M.
June 23—Class Day Exercises, . . . Tuesday, 2.30 P.M.
June 23—Concert, ... Tuesday, 7.45 P.M.
June 24—Examination for Admission to College, Wednesday, 9 A.M.
June 24—Annual Meeting of the Corporation, Wednesday, 9 A.M.
June 24—Reception to Graduates by Members of the Faculty, Wednesday, 2 to 5 P.M.
June 24—Literary Exercises of the Alumni, Wednesday, 7.45 P.M.
June 25—Commencement, . . . Thursday, 10 A.M.
June 25—Band Concert and Illumination of Campus, Thursday, 8 to 10 P.M.
June 26—President's Reception of the Graduating Class, Friday, 8 P.M.
Sept. 7—Examination for Admission to College, Monday, 2 P.M.
Sept. 8—Fall Term begins, ... Tuesday.
Oct. 15—Tuition due.
Oct. 19–31—Sophomore Preliminary Declamations, . 2 P.M.
Prize Division, ... 2 P.M.
Dec. 4—Fall Term closes, ... Friday.

GENERAL INFORMATION.

FOUNDATION.

Bates College grew out of the Maine State Seminary, chartered in 1855. In 1862 sixteen young men in this school petitioned the Trustees to provide facilities for collegiate instruction. In the fall of 1863 the first Freshman class was admitted, and in the winter of 1864 a new charter was secured, and Maine State Seminary became Bates College. The name Bates College was given by the Trustees in grateful acknowledgment of the generosity of Mr. Benjamin E. Bates of Boston, Mass., one of the founders of the city of Lewiston. Mr. Bates had taken a warm interest in the Seminary, and it was his encouragement, with a subscription in 1863 of $25,000, which led to its development into the college. To this sum he subsequently added $75,000. Mr. Bates died in 1877. Other friends have generously aided the institution, but none of their benefactions have equaled in amount the gifts of Mr. Bates.

Lewiston, in which the College is situated, is the second city in population in Maine, having about twenty-five thousand inhabitants. It is on the east bank of the Androscoggin, thirty-five miles north-east of Portland. It is connected by four bridges with Auburn, a city with twelve thousand inhabitants, on the opposite bank of the river. The two cities are among the most enterprising and progressive in the East. Many of their public buildings are exceptionally beautiful and substantial. Their excellent public schools are constantly bringing to the two cities from all parts of Maine, and even from adjoining States, parents eager to secure a good education for their children. The Lewiston High School, and the Edward Little Institute of Auburn, rank among the best preparatory schools in New England. The pulpits of Lewiston and Auburn are occupied by able and scholarly men, and residents of few towns have better facilities for hearing the representative lecturers and orators of our country. The two cities are remarkably healthful, are situated amid some of the most beautiful scenery of the Androscoggin valley, and combine in a rare degree the educational influences afforded by the presence of business energy, of scholarly leisure, and of attractive environments. They are a little more than four hours

Thomas Arkle Clark

distant from Boston, and are accessible from all directions by means of three railways,—the Grand Trunk and two lines of the Maine Central. The college grounds consist of fifty acres in the suburbs of Lewiston. They have great natural beauty and command fine views of the surrounding country. From the summit of Mount David, given by Mrs. Archibald Wakefield and the late Mrs. John M. Frye, as the site of an astronomical observatory, the White Mountains, more than fifty miles away, are distinctly visible.

CHARACTER OF THE COLLEGE.

The College is unsectarian in all its aims and methods, but it is unequivocally Christian. Breadth and thoroughness are sought, not only in literary and scientific attainments, but in moral and spiritual culture. What are called the vices of student life are practically unknown at Bates. No student can be a member of the College without taking and keeping a pledge to abstain from alcoholic drinks. Hazing has never been tolerated. A large percentage of the students are actively religious, and among them are represented nearly all the religious denominations of New England. It has been the constant aim of the College to encourage and aid students of limited means and to exclude such habits and customs as lead to extravagant and unnecessary expenditures. Planted in a thrifty and frugal community, she is for a wide area the natural college home for students of limited means. The community, with its numerous industries, offers unusual opportunities for work; and college spirit and tradition make labor honorable. The Faculty of Bates find one of their highest pleasures in helping young men and young women to solve the problem of ways and means. Alone of New England colleges, Bates still encourages needy students to teach during a part of each year; and she does not find such teaching, under proper restrictions, harmful either to scholarship or character. During the last year Bates students have been engaged in nearly sixty different kinds of employment. Seventy-one permanent scholarships of $1,000 each pay the annual tuition of as many deserving young men and young women. Students of ample, of moderate, and of limited means live and work together in absolute social equality. From its organization in 1863, the College has received young women on the same terms with young men, thus beginning on the Atlantic sea-board the movement for the higher education of women.

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LATIN.

Six Books of Virgil's Æneid;
Four Books of Cæsar's Gallic War;
Seven Orations of Cicero.

(Work in Ovid will be accepted instead of parts of the above.)

Thirty Exercises in Jones's Latin Composition, or an Equivalent;
Latin Grammar, including Prosody;
Translation of Easy Latin at sight;
History and Geography.

GREEK.

Four Books of Xenophon's Anabasis;
Three Books of Homer's Iliad;
Twenty Exercises in Jones' Greek Composition, or an Equivalent;
Greek Grammar;
Translation of Easy Greek at sight;
History and Geography.

MATHEMATICS.

1. Algebra, through Equations of the Second Degree, including Ratio and Proportion, Arithmetical and Geometrical Progression, and the use of the Binomial Formula.
2. Plane Geometry, including all the original exercises as given by Wells or Wentworth.

ENGLISH.

I. The writing of an essay upon some subject taken from one of the books named in II.

II. *Reading.* The candidate will be required to present evidence of a general knowledge of the subject-matter of the books read, and to answer simple questions on the lives of the authors. The books set for this part of the examination will be:

1903.—Shakespeare's Merchant of Venice and Julius Cæsar; The Sir Roger de Coverley Papers in The Spectator; Goldsmith's The Vicar of Wakefield; Coleridge's The Ancient Mariner; Scott's Ivanhoe; Carlyle's Essay on Burns; Tennyson's The Princess; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

1904, 1905, 1906.—Same as 1903.

III. *Study and Practice.* This part of the examination presupposes the thorough study of each of the works named below. The candidates will be examined upon subject-matter, form, and structure. The books set for this part of the examination will be:

1903.—Shakespeare's Macbeth; Milton's Lycidas, Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America; Macaulay's Essays on Milton and Addison.

1904, 1905, 1906.—Same as 1903.

Candidates for the degree of B.S. may present instead of the Greek the following work as conducted in the best preparatory schools, on the basis of five hours a week in each subject:

1. Three years of French.
2. Three years of German.
3. Two years of French and one year of German.
4. Two years of French and one year in any one of the following subjects: Physics, Chemistry, Biology, English or American History, Advanced Mathematics.

Students admitted without Greek may enter upon courses leading to the degree of A.B. by beginning the study of Greek and taking two years of prescribed work in that language.

Graduates of preparatory schools whose methods and courses of study are approved by the Faculty of the College may be admitted provisionally, upon the certificates of the principals of such schools. The certificates must clearly show that the amount and quality of the work done by those who present them are equivalent to the published requirements of the College. At the close of the first term all who have done scholarly work and maintained satisfactory deportment will be admitted to full standing. No student will be admitted to the College without giving proof of a good moral character.

All candidates for advanced standing will be examined in the preparatory studies, and also those previously pursued by the class they propose to enter, or in other studies equivalent to them.

Certificates of regular dismission will be required from those who have been members of other colleges.

The regular examinations for admission to College take place on Wednesday preceding Commencement, and on Monday preceding the first day of the Fall Term.

No special students are admitted to any of the College classes.

COURSES OF INSTRUCTION.

It is the aim in each department to exemplify the methods and results of a scholarship at once sound and progressive. All the work of the Freshman year is required. Electives are introduced in the Sophomore year and are increased in number as the course goes on. The essentials of a liberal education are constantly kept in view and the attainment of knowledge is made tributary to the love of study, the habit of investigation, and the tastes and aptitudes of the scholar. The individuality of students is recognized and encouraged without the sacrifice of breadth and thoroughness. Class-room work is supplemented by original observation and research and by a systematic use of the College Library.

PHILOSOPHY.

The courses in this department are as follows:

I. Christian Ethics. The aim of this course is to derive from the life and teachings of Christ the ideals and principles that are permanently applicable to human conduct, and to show their relation to the problems of individual character and of social progress presented in the life of to-day. The Bible and Stalker's "Life of Christ" are used as text-books. There is a constant endeavor to make the work practical. To this end, topics requiring special reading are assigned, essays and discussions are prescribed, and occasional talks and lectures are given. Freshman Year, first term; one hour a week.

II. Psychology. James's "Briefer Course" as far as Chapter XI. An attempt is made to combine the methods of the "New Psychology" with those of the "Old." Mental life is studied so far as possible in its relation to neural conditions. The nature and processes of the various orders of sensation are exemplified from every-day experiences. It is the constant aim to translate principles into facts; to explain abstractions by particular instances. Simple experiments for determining reaction time for the different senses are introduced. Each student selects from a prescribed list certain habits to form and carefully notes and records the results. The tests and examinations are given for the purpose of determining how far the knowledge gained can be applied. Junior year, third term; two hours a week.

III. Psychology. James's "Briefer Course" from Chapter XI. The text-book is supplemented by talks, informal lectures, and required reading. The student is encouraged to compare the authorities consulted with the conclusions that he derives from introspection; and an attempt is made, especially in the study of Attention, Association, Imagination, and Memory to discuss and compare differences in mental individuality. So far as practicable, Psychology is made to shed light on the problems of Education and to yield practical suggestions to teachers. In the consideration of the Instincts, the Emotions, and the Will, the work is conducted largely from the ethical as well as the pedagogical point of view. Senior year, first term; three hours per week.

IV. Logic. Special effort is made to elucidate the mental processes involved in the formation of Concepts, in Deductive Logic, and particularly in Induction and the Scientific Method. Attention is directed to the grounds of induction and the validity of knowledge and, as much as the time allows, to historic inquiry into the rise and relationship of the various schools of philosophic thought. Senior year, second term; five hours a week. Elective.

V. Ethics. Harris's "Moral Evolution," supplemented by lectures, discussions, and special reading. Ethics and Evolution are discussed in their relation to each other and are shown to be in harmony. The various Theories of Morals are reviewed, and Perfection, or the Good, is shown to be the true ideal. The Good and the Right are found to be only different aspects of the same principle; and both Self-Love and Altruism are shown to be as essential in Morality as in Evolution. The continuous purpose disclosed by Evolution necessitates belief in God and shows the dependence of Morality upon Religion. The Moral Ideal proves to be the Christian Ideal, and the Kingdom of God the Kingdom of the Good and Right. Christianity is found to be the final outcome of Evolution in Religion. Senior year, third term; five hours a week. Elective.

GREEK.

1. Lysias. In connection with the orations of Lysias we study the methods of administration of justice at Athens in the time of Lysias; the events which led to the establishment in power of the Thirty Tyrants and to their overthrow; and the topography of Athens and the Peiræus.

Some time is spent in sight translation of Greek into English. Four hours; first term.

2. Herodotus and Thucydides. In connection with the study of Extracts from the Histories of these authors we become somewhat familiar with the history of the Persian Wars; with the history of the founding of the Athenian Empire; with the causes, the history and the results of the Peloponnesian War.

Some time is spent in translation at sight. Four hours; second term.

3. Demosthenes, Philippics or Olynthiacs. With the study of these orations we give attention to the life and times of

Demosthenes; to his career as an orator; and incidentally we compare his oratory with that of Cicero and modern orators. Three hours; third term.

Courses 1, 2, and 3 are required of all Freshmen who are candidates for the degree of A.B.

4. Drama. In connection with the study of one of the Dramas of Æschylus or Sophocles we give much attention to the history of the Greek Drama; to the construction of the Greek Theatre; and to the teachings of the Greek Chorus. Four hours; second term. Elective for Sophomores.

5. Plato. The Apology of Socrates and portions of the Phædo or the Apology and Crito. In connection with the study of the Greek we give much attention to the life and times of Socrates; to the character of his teachings and to the genius of Plato; and incidentally we become acquainted with the other prominent disciples of Socrates. Four hours; third term. Elective for Sophomores.

The following courses in Greek are for those members of the Freshman Class, candidates for the degree of A.B., who enter college with a preparation in French and German instead of Greek, and who wish to study Greek in the Freshman year preparatory to the study of the Greek of the regular course in their Sophomore and Junior years instead of in their Freshman and Sophomore years. Such students take Courses 1, 2, and 3 during Sophomore year instead of French or German.

1, *a*. Greek Grammar and the Anabasis. Four hours; first term.

2, *a*. The Anabasis and exercises in writing Greek. Four hours; second term.

3, *a*. Homer and scansion of Greek Hexameter.
Three hours; third term.

LATIN.

Latin is offered throughout the four years, three hours a week, and is a required subject during the Freshman year. The courses for Juniors and Seniors are given in alternate years and are open to both classes.

1. Livy: Books XXI, XXII. Review of the syntax of the Latin verb. First term; three hours.

2. Selections from Latin Poets. Ennius, Tibullus, Ovid, Phædrus, Seneca, Martial. Lectures on the history of Latin literature. Second term; three hours.

3. Horace: Odes and Epodes. Study of Horatian meters. Third term; three hours.

4. Cicero: *De Senectute* and *De Amicitia.* Translation into Latin of English sentences and paragraphs based on the Latin models. Elective for Sophomores. First term; three hours.

5. Latin writing. Translation into Latin of selected passages from English authors. Original composition in Latin. Elective for Sophomores who have completed Course 4. Second term; three hours.

6. Latin Comedy: *Menæchmi* of Plautus and *Phormio* of Terence; lectures on the relation of the Latin to the Greek comedy. Elective for Sophomores. Third term; three hours.

7. Catullus: Selected Poems. History of Pre-Augustan Latin poetry. Elective for Juniors and Seniors who have completed at least one elective course. First term; three hours.

8. Lucretius: *De Rerum Natura.* Brief outline of ancient philosophy. Elective for Juniors and Seniors who have completed at least two elective courses. Second term; three hours.

9. Cicero: Tusculan Disputations. Cicero as a student of philosophy. Elective for Juniors and Seniors who have completed at least two elective courses. Third term; three hours.

[10. Juvenal: Satires. Roman private antiquities. Elective for Juniors and Seniors who have completed at least one elective course. First term; three hours.]

[11. Tacitus: Annals, Books I–IV. Life of Tiberius. Elective for Juniors and Seniors who have completed at least two elective courses. Second term; three hours.]

[12. Pliny the Younger: Selected Letters. Lectures on Roman provincial administration. Elective for Juniors and Seniors who have completed at least two elective courses. Third term; three hours.]

(Courses 10, 11, and 12 will not be given in 1902-1903.)

GERMAN.

The study of German is required during the Sophomore year, and is elective during the Junior and Senior years, three hours per week.

The aim of the required work is the acquisition of a thorough knowledge of the fundamentals of German grammar and the ability to translate into good English fairly difficult German prose and poetry. The aim of the elective work is a sympathetic literary interpretation of all texts read, an introduction to the masterpieces of the German drama of the classical period, a general knowledge of the history of German literature and a comprehensive view of the tendencies in German literature since Goethe's death.

Careful drill in pronunciation and the intelligent reading of the German text is insisted upon. Some practice in conversation is given, and German is used in the class-room as far as is deemed advisable by the instructor. In the elective courses a large amount of collateral reading outside the class-room is expected. Advanced grammar and composition are not lost sight of throughout the course, although no specialty is made of these subjects after the first year.

1. Elementary Course. Grammar. Easy prose composition. Three hours; first term.

2. Elementary Course. Translation of easy German prose. Grammar. Prose composition. Three hours; second term.

3. Elementary Course. Translation of German prose and poetry. Prose composition. Grammar. Three hours; third term.

(Courses 1, 2, and 3 required of all Sophomores who did not present German for entrance.)

4. Lessing: *Nathan der Weise*, *Minna von Barnhelm;* lectures on Lessing's life and works. Three hours; first term.

(Elective for Juniors who have passed in 1, 2, and 3.)

5. Schiller: *Wallenstein*, *Die Jungfrau von Orleans;* lectures on Schiller's life and works. Three hours; second term.

(Elective for Juniors who have passed in 4.)

6. Goethe: *Goetz von Berlichingen*, *Iphigenie auf Tauris;* lectures on Goethe's life and works. Three hours; third term.

(Elective for Juniors who have passed in 5.)

7. Goethe: *Faust*, Part I, and selected portions of Part II. Lectures on the History of German Literature. Three hours; first term.

(Elective for Seniors who have passed in 6.)

8. Nineteenth Century Drama. Freytag, Hauptmann, Sudermann. A representative drama from one of the above authors will be the basis of the work in class. The chief characteristics of the other authors will be presented to the

class by informal lectures, individual reports, and collateral reading. Three hours; second term.

(Elective for Seniors who have passed in 7.)

9. Nineteenth Century Fiction. A rapid reading course. The class will read selected portions from the works of such authors as Auerbach, Baumbach, Freytag, Riehl, and Wildenbruch. Three hours; third term.

(Elective for Seniors who have passed in 8.)

[10. German Lyrics and Ballads. The work in German poetry will be either a selection of poems of one author or a collection of the poems of various authors. Three hours; third term. Elective for Seniors who have passed in 8.] Not offered in 1902–1903.

German Seminary. Special work with advanced students.

FRENCH.

The aim of the required courses in French is to give the student a thorough drill in grammar and pronunciation, facility in translation of easy prose, some knowledge of composition and the power to express himself intelligibly on familiar subjects in the spoken French language. The texts for reading have been selected from the works of the best modern writers.

The elective work has been arranged with a view to meeting the requirements of students who desire a literary as well as a linguistic knowledge of French. The growth and development of French literature through the seventeenth, eighteenth, and nineteenth centuries will be shown from the works read and criticized, and from the discussion of special topics introduced at suitable points; while linguistic studies will be continued by means of progressive exercises in composition including letter-writing, conversation, study of idioms and special grammatical subjects. Careful attention will be given to the study of the life and times of the authors read, as well as to the rise and growth of various literary and political institutions of France. These courses are sequential; and while they may be dropped at any point, they may not be resumed when once abandoned, since each course involves a knowledge of those preceding.

The course in history of French literature includes a historical study of the language, showing the relations of classical and popular Latin to modern French; a careful survey of the first and second Romantic periods; a brief review of early humanism; investigation of the origin of the Renaissance; discussion of the French Revolution with reference to literature, and many other special topics of like importance.

1. Fraser and Squair's grammar. Dictation. Composition. Conversation. Required of all Freshmen having no knowledge of French. Two hours; first term.

2. Continuation of study of Fraser and Squair's grammar, with exercises in dictation, composition, and conversation. Required of all Freshmen who have completed Course 1. Three hours; second term.

3. Reading in class-room of *Madame Thérèse*, *Tartarin de Tarascon*, *La Tulipe Noire*, selections from George Sand and Maupassant, with exercises in dictation, composition, and conversation. One hundred pages outside reading required, to be assigned from selected French texts. Required of all Freshmen who have completed Courses 1 and 2. Three hours; third term.

4. Reading and criticism of seventeenth century writers: Corneille, *Le Cid*, *Cinna*, *Polyeucte*. One hundred fifty pages collateral reading to be assigned from French texts. Study of the life of Corneille and his relation to the Spanish drama. Exercises in dictation, conversation, and composition. Elective for Sophomores. Three hours; third term.

5. Continuation of study of seventeenth century writers: Racine, *Esther*, *Athalie*, *Iphigénie*, *Les Plaideurs;* Madame Sévigné, selected letters. Study of Boileau and the salons. Conversation and letter-writing. Special study of the subjunctive mode. One hundred fifty pages supplementary reading from French texts. Elective for Juniors who have completed Course 4. Three hours; first term.

6. Reading in class-room of Molière's *L'Avare*, *Les Précieuses Ridicules*, *Les Femmes Savantes*, *Le Bourgeois Gentilhomme*. Special study of the Age of Louis XIV. Weekly reports on collateral reading from French texts. Letter-writing. Study of idioms. Conversation. Elective for Juniors who have completed Course 5. Three hours; second term.

7. Reading in class-room of selected works of Voltaire, Beaumarchais, and Bernardin de St. Pierre. Special study of the social and religious conditions in France during the eighteenth century. Memorizing of poems selected from best French writers. Continuation of work in composition and conversation. Weekly reports on collateral reading assigned from Rousseau's *Émile*. Elective for Juniors who have completed Course 6. Three hours; third term.

8. Study of nineteenth century authors: Chateaubriand, *Atala*, *René;* Hugo, *Hernani*, *Ruy Blas*. Reading of Pellissier's *Literary Movement in France during the Nineteenth Century*, and Carlyle's *French Revolution*. Study of Hugo's life and times. Reports on collateral reading from French texts, and continuation of work in composition and conversation. Elective for Seniors who have completed Course 7. Three hours; first term.

9. Reading in class-room from Lamartine, De Musset, Madame de Staël, prose works of Hugo, essays of Sainte-Beuve. Study of the history of the French Academy, and of

the lives of authors read and their influence on French literature. Assigned collateral reading with reports. Review of grammar with reference to teaching French grammar. Study of idioms. Elective for Seniors who have completed Course 8. Three hours; second term.

10. Selected dramas of Coppée, Sardou, Rostand. Selections from George Sand, Pierre Loti, Daudet, for sight reading. Review of grammar and study of idioms, with composition continued. Elective for Seniors who have completed Course 9. Three hours; third term.

11. History of French literature, with readings from best writers and lectures on special topics. This is largely a library course. Open to Juniors and Seniors two hours per week, three terms, alternate years. To be given in 1903.

SPANISH.

1. Ramsey's Spanish grammar and reader. Exercises in dictation, conversation, and composition. Elective for Seniors. Three hours; first term.

2. Continuation of study of grammar. Exercises in dictation, conversation, and composition. Reading in class-room of Caballero's *La Familia de Alvareda* and Vega's *El Indiano*. Supplementary reading: Juan Valera's *El Pájaro Verde*. Elective for Seniors who have completed Course 1. Three hours; second term.

3. Reading in class-room of Alarcón's *El Capitán Veneno*, Padre Isla's translation of *Gil Blas* by Lesage. Continuation of study of grammar, composition, and conversation. Supplementary reading: Alarcón's *El Final de Norma*. Elective for Seniors who have completed Course 2. Three hours; third term.

ENGLISH.

1. Composition. Study of the paragraph. The writing of weekly themes on assigned and elective topics. The systematic general study of the Principles of Composition, parallel with the written work of the class. Required reading of at least one standard prose work ; short essay based on that work.

Two hours ; first term.

2. Composition. Continuation of Course 1. Written work and required reading.

Two hours ; second term.

3. Composition. Continuation of Course 2. Subjects selected to afford practice in the various modes of rhetorical expression.

Two hours ; third term.

(Courses 1, 2, and 3 are required of all Freshmen.)

4. Rhetoric. The thorough study of A. S. Hill's "Principles of Rhetoric ;" supplementary reading of Barrett Wendell's "English Composition." Weekly themes. Reports of lectures on the Elements, Qualities, and Principles of Style. Exercises demanding the application of the knowledge gained from these books and lectures.

Three hours ; first term.

5. Argumentation. The study of Argumentation and Debating ; text-book, G. P. Baker's "Principles of Argumentation." Required reading of masterpieces. Brief-drawing. The preparation and delivery of debates.

Three hours ; second term.

(Courses 4 and 5 are required of all Sophomores.)

6. Advanced Composition. The work is adapted, so far as practicable, to the needs and tastes of each student.

Three hours ; third term.

(Elective for candidates for the degree of A.B., who have passed in Course 5 ; required of candidates for the degree of B.S.)

NOTE.—All written work in Courses 1 to 6 is corrected and returned to the writer with criticism and suggestions. Every student is required to meet the instructor at stated hours for conference. Hours are also set apart for voluntary conference.

7. The drama. Lectures on the origin and development of the drama, and its history from Æschylus to Shakespeare. Critical study of selected plays of Shakespeare, with required reading of other works of the Elizabethan age. Outline History of English Literature, one hour each week.

Five hours; first term.

(Required of all Juniors.)

8. Literature of the Seventeenth and Eighteenth Centuries. Critical study of selected works of prose and poetry, with lectures on the literary history and biography of the period. Required reading of other works, with research in the Library; reports, abstracts, and discussions in class.

Four hours; second term.

9. Literature of the Eighteenth and Nineteenth Centuries. Critical study of selected works, with lectures. Required reading of other works, and investigation of special topics.

Four hours; third term.

10. Lectures on literary criticism, with special reference to fiction. Reading of selected works of the Nineteenth Century. Investigation of topics in literary history and criticism.

Four hours; first term.

11. History of the English Language. (First six weeks.) Critical study of Chaucer: Prologue to The Canterbury Tales, and two of the Tales. Topical study of English history in the time of Chaucer. (Last six weeks.)

Four hours; second term.

12. English Literature of the Nineteenth Century. Seminary. Special study of Tennyson and Browning.

Four hours; third term.

(Courses 8 to 12, inclusive, are elective for Juniors and Seniors.)

SOPHOMORE PRIZE DEBATES.

Preliminary Debates.—All Sophomores are required to take part in these debates, the subjects of which are announced in the first term of Freshman year. A prize for excellence in debate is awarded in each division of the class.

Second term.

Champion Prize Debate.—The speakers presenting the best arguments in the Preliminary Debates compete in the Champion Prize Debate, held during Commencement week; all other Sophomores present Essays on a prescribed subject, in competition for a prize.

Third term.

REQUIRED COMPOSITION WORK OF JUNIOR AND SENIOR YEARS.

This work, in continuation of that done in Courses 1 to 6, is required of all members of the Junior and Senior classes, whether they elect English or not. An essay is presented in each term, as follows:

7[1]. Essays based on the study of masterpieces of Exposition or Persuasion.

Junior year, first term.

8[1]. Theses on subjects requiring extended investigation.

Junior year, second term.

9[1]. Original declamations on assigned subjects. Each member of the Class reads his declamation before a committee, by whom the best twelve are selected for delivery in a prize contest during Commencement week.

Junior year, third term.

10[1]. Essays in criticism of some classic in English or American fiction.

Senior year, first term.

11[1]. Original Parts for the Senior Exhibition. Each student reads his part before a committee, who choose twelve to speak in the Exhibition.

Senior year, second term.

12[1]. Commencement Parts. Every member of the class writes a part, but the Commencement speakers are chosen on the basis of scholarship.

Senior year, third term.

MATHEMATICS.

1. Algebra. Ratio and proportion, variation, series, binomial theorem, undetermined coefficients, logarithms, permutations and combinations, probability, continued fractions, theory of equations, graphic algebra. (Well's College Algebra.) First term; five hours each week.

2. Geometry. Solid geometry, which includes polyhedral angles, the various solids bounded by planes, the cone, the cylinder, and the sphere. This course includes a large amount of original work in demonstration and computation. (Phillips and Fisher.) Second term; five hours each week.

3. Trigonometry. Plane and spherical Trigonometry, with problems and applications. (Wells.) Third term; five hours each week.

(Courses 1, 2, and 3 are required of all Freshmen. A brief elective course is given in elementary surveying, largely by lectures.)

4. Plane Analytical Geometry (Tanner and Allen). First term; three hours each week.

5. Plane Analytical Geometry, including Higher Plane Curves, completed. Four weeks of second term; three hours each week.

5^1. Analytical Geometry of three dimensions (Tanner and Allen). Last eight weeks of second term; three hours each week.

6. Differential Calculus with applications (Taylor). Third term; three hours each week.

(Courses 4, 5, 5^1, and 6 are elective for Sophomores, or any others who may have taken Courses 1, 2, and 3.)

7. Differential Calculus completed. First term; two hours each week.

8. Integral Calculus, with applications (Taylor). Second term; two hours each week.

9. Integral Calculus completed. Third term; two hours each week.

(Courses 7, 8, and 9 are elective for Juniors, or any others who may have taken the previous courses.)

CHEMISTRY.

Work in this department includes recitations, lectures, and laboratory practice, and continues through the Sophomore, Junior, and Senior years. The study begins with lectures and recitations on the non-metallic elements and their compounds. In connection with these subjects the elements of Theoretical Chemistry are taught, and the students are given practice in the solution of a variety of chemical problems.

1. Inorganic Chemistry. This course is devoted to the elementary principles of the science. It deals with the nature and properties of a few common elements and the application of the fundamental laws and theories concerning their combination. Recitations and experimental lectures. Three hours; second term.

2. General and experimental Chemistry. A continuation of Course 1, dealing largely with the metallic elements and including a few of the more common carbon compounds. Recitations and lectures with laboratory work. Three hours; third term.

Courses 1 and 2 are required of Sophomores who are candidates for the degree of B.S.

3. Elementary Inorganic Chemistry. An introduction to the study of chemistry. Similar to 1, but somewhat more general. Three hours; first term.

4. General and Experimental Chemistry. A continuation of 3, and including a few exercises in organic chemistry. Quantitative experiments and a variety of chemical problems. Recitations, lectures, and laboratory work. Three hours; second term.

(Courses 3 and 4 are required of all Juniors who have not taken Courses 1 and 2.)

5. Qualitative Analysis. A practical course of basic, acid, and blowpipe analysis, and the preparation of a variety of inorganic salts.

Three exercises (six hours); one-half of Junior year. Required of candidates for degree of B.S., and elective for others.

6. Quantitative Analysis. Laboratory practice in the use of the methods of gravimetric and volumetric analysis; separation and estimation of metals, acids, and water of crystallization, with special work on ores, alloys, and mineral water.

Three exercises (six hours); one-half year. Elective for all students who have taken Course 5.

7. Elementary Organic Chemistry. An introduction to the study of the compounds of carbon. The fatty series and benzol derivatives.

Three exercises (six hours); first term. Elective for Seniors.

8. Advanced Organic Chemistry. General course. Lectures and Laboratory work.

Three exercises (six hours); second term. Elective for Seniors.

9. Physiological Chemistry. Lectures and Laboratory work.

Three exercises (six hours); third term. Elective for Seniors.

PHYSICS.

Physics is required of all Sophomores. It is elective to Juniors and Seniors.

1. Elementary mechanics. This is a general course involving only elementary mathematics. Lectures and recitations two hours. Sophomore required course, first term.

2. Heat, electricity and magnetism. Lectures and recitations three hours. Sophomore required course, second term.

3. Sound and light. Lectures and recitations two hours. Sophomore required course, third term.

4. General laboratory work in mechanics and sound. This course is supplemented by lectures bearing on the laboratory work, and extending the student's knowledge by introducing him to the results of work and laboratory methods which he would be unable to test for himself. Each student is required to hand in a neat and comprehensive report of each experiment performed. Three hours, first term. Elective to Juniors.

5. Electricity and magnetism. This course is a continuation of Course 4. Three hours, second term. Elective to Juniors.

6. Heat and light. Continuation of Course 5. Three hours, third term. Elective to Juniors.

A short course in photography will be given in connection with course 6. This will include properties of various lenses, exposure of plates, development, preparation of developers and fixing baths, printing on various papers, and the making of lantern slides.

7. Introduction to mathematical Physics, including applications of the Calculus to physical problems and introduction to the study of Differential Equations. Three hours, first term. Elective to Seniors who have completed Mathematics 5 and 6.

8. Electricity and magnetism. Introduction to the mathematical theory. Three hours, second term. Elective to Seniors who have completed Physics 6.

9. Electricity and Magnetism, Direct and Alternating Current Machinery. Laboratory work, two hours. Elective to Seniors who have completed Physics 5 and 8.

GEOLOGY.

1. Mineralogy. This course is intended to give a general survey of the whole subject of mineralogy. The endeavor is made to familiarize the student with all of the common minerals and rocks. In determinative mineralogy the student is taught the use of the blow-pipe and to identify minerals by their properties and by ordinary dry tests. Two hours, third term. Required of Juniors in the B.S. course and elective to Juniors in the A.B. course.

2. Geology. Dynamical, Structural, and Historical Geology. Particular attention is paid to the geology of the region about Lewiston. Three hours, first term. Required of Seniors in B.S. course and elective to Seniors in A.B. course.

The region affords rare facilities for study in both of the above courses, and several expeditions are required in each.

ASTRONOMY.

1. Astronomy begun. This course is a general descriptive course involving only elementary mathematics. Three hours, second term. Required of Seniors in B.S. course and elective to Seniors in A.B. course.

2. Astronomy completed. Two hours, third term. Required of Seniors in B.S. course and elective to Seniors in A.B. course.

PHYSIOLOGY.

Instruction in this course is given by recitations, lectures, and laboratory demonstrations. The first few weeks of the course are spent in a careful histological study of the various tissues—including practical demonstrations with the microscope. In connection with the recitations upon physiological problems, lectures in hygiene are given. The practical usefulness of the course is greatly augmented through the use of the Bock-Stegers Anatomical Models of the heart, eye, ear, trunk, etc.; also by use of a human skeleton. As a text-book, Thornton's Human Physiology is used. This course is required for the B.S. degree, and is given during the first term, three hours; second term, two hours.

BIOLOGY.

BOTANY.

1. Morphology, Physiology, and Ecology of Flowering Plants.

The method of instruction in this course consists of recitations upon the above subjects, as they are developed by a study of the text-book, by lectures and in laboratory work, and also of a series of laboratory exercises, in which a careful study is made of the morphology of the various parts of the plant body. The seeds, roots, stems, leaves and fruits, are taken up in succession; the structure and relation of these parts to the life processes of the plant are recorded in the laboratory notebook, by means of drawings and descriptive notes.

The aim of this course is two-fold: (1) To give the student a general yet comprehensive knowledge of the life processes and structure of the flowering plants; and (2) to begin the training which is so essential to all scientific work—that of accurate observation.

Course 1 is given during the second term, three periods, and is required work for both the A.B. and B.S. degrees.

2. Typical Course on the General Classification of the Plant Kingdom.

The work of this course comprises recitations, lectures, and laboratory exercises. A study is made of the principles upon which modern classification is based. Type specimens representing the various groups and sub-divisions of the vegetable kingdom are taken up and studied as to their distinctive characteristics, structure, etc., together with a consideration of the interelations of the groups.

In the laboratory the student studies and sketches most of the specimens taken up in recitation; also considerable attention is given to flower analysis. An herbarium is not required from each student; but the extent and variety of the laboratory analysis should prepare all members of the class so that any having the desire to do so will be able to classify and arrange an herbarium.

Field work constitutes an important part of this course. Weekly trips are taken into the surrounding country for the purpose of collecting and studying the plants in their natural environments. This field work is especially helpful in fixing in the student's mind the general classification of the plant kingdom.

It is the aim of the course to give the student a knowledge of what organisms the plant kingdom includes and how these same organisms are grouped in a general classification.

Course 2 is given during the third term, three periods, and is required for the degree of B.S., but elective for those taking A.B. course.

3. Cryptogamic Botany.

This is chiefly a laboratory course, combined with some lecture and recitation work. It is mainly a study of the morphology of cryptogamic plants, beginning with the lowest Thallophytes. The work requires the use of the compound microscope quite constantly, and the members of the class obtain thereby a practical knowledge of the simpler manipulations of the microscope and preparation of sections. Each student is required to offer for inspection twenty-five stained and permanent sections. Carefully kept note-books with drawings and descriptive notes are required throughout the course.

The two chief objects of the course are: (1) the acquiring of a knowledge of the morphology of the cryptogams; and (2) accurate observation and correct interpretation of the same. The course is given during the first term, three periods (six hours), and is elective.

ZOÖLOGY.

1. General Principles of Zoölogy.

Instruction in this course is given by recitations. Its aim is to teach the general principles of the subject. The course follows chiefly the text of Hertwig's General Principles of Zoölogy; taking up the sub-divisions and history of the subject, the structure, development, and functions of cells, tissues, and organs, general embryology, etc.

The course is given during the first term, three hours. It is required work for the degree of B.S., but is elective for those taking the A.B. course. Course 1 should be taken by any who contemplate future work in the subject.

From [illegible] Clark

2. Morphology, Biology, and General Classification of the Animal Kingdom.

The work of this course is carried on by recitations, lectures, and laboratory exercises. One of the chief aims of the course is the outlining of the principal groups of the animal kingdom, together with the study of their Biology, and Morphology. The laboratory work is confined to representatives of the chief groups of invertebrates. Typical forms are studied microscopically or dissected, and careful drawings with descriptive notes must accompany the laboratory work.

The course is given during the third term, three periods (six hours), and is required for the degree of B.S. It is elective for those taking the A.B. course.

3. Comparative Anatomy of Vertebrates.

Instruction in this course is given chiefly by laboratory exercises, recitations, and lectures. Type representatives of the different groups of Vertebrata are very thoroughly dissected and studied in a comparative way, from the lower forms to the higher. All observations and records are kept by means of drawings and notes.

The course is intended especially for those who are particularly interested in Biological science, or who intend the future study of human anatomy and medicine.

Course 3 is given during the first term, three periods (six hours), and, in fact, the work of the course, as it is outlined in the above statement, extends throughout the year, including Courses 4 and 5. Course 3 is elective.

4. Comparative Anatomy of Vertebrates.

As given in the statement above, this course is merely a continuation of the same kind of work as begun in 3. Course 4 is given during the second term, three periods (six hours), and is elective.

5. Comparative Anatomy of Vertebrates.

As before stated this course continues the work of Courses 3 and 4. Course 5 is given during the third term, three periods (six hours), and is elective.

6. Microscopic Technique.

In this course instruction is given by lectures and laboratory work. A study is made of the parts and use of the compound microscope, together with laboratory work upon the more essential methods of investigation. This involves practical work upon an invertebrate animal, in some of the more important methods of fixing, hardening, dehydrating, staining, clearing, imbedding, sectioning, and mounting.

The course is given during the first term, three periods (six hours), and is elective.

7. Histology.

The work is taken up by recitations, lectures, and laboratory exercises. The aim of the course is to teach the origin, development, and structure of the more important animal tissues.

The course is given during the third term, three periods (six hours); is elective, but open only to those who have taken Courses 2, 3, 4, and 5.

ORNITHOLOGY.

1. Considerable attention is given to the study of Ornithology, apart from that of general zoölogy. In the first term twelve lectures are given to the Freshman Class on the characteristics of birds—peculiarities of physical structure, flight, utility, song, beauty, intelligence, and migration; on the fossil, subfossil, and extinct birds, and on classification. The last lecture of the term is devoted to the winter birds of Maine. This lecture is preparatory to the work to be done by the class during the winter. Prizes are given to the members of the

class that report the longest list of birds observed and carefully identified between the first of December and the middle of March. Two prizes are also given to the class for the best winter sketches of not more than two thousand words each.

2. In the twelve lectures given in the spring all the species of the inland birds of Maine are described and the mounted specimens are shown to the class. Four times a week, from the last of March to the middle of June, the members of the Freshman Class make early morning excursions of one hour and a half to the fields and woods in search of the birds. Particular attention is directed to the songs and notes of the birds. From 75 to 130 different species are recognized in one year by the careful observers.

HISTORY.

1. History of Civilization. This course is designed to furnish a general outline of the development of European culture, keeping constantly in view the proper historical perspective, and attaching most importance to those events and institutions that have exerted a permanent influence upon European civilization. The institutions under which Europe has lived for many centuries, above all the Church, are discussed with considerable fullness. Throughout this course the predominating point of view is that the life of the populace is more important than mere details of court intrigue. An effort is made to treat the life and work of a few men of indubitably first-rate importance in the various fields of human endeavor—Gregory the Great, Charlemagne, Abelard, St. Francis, Petrarch, Luther, Erasmus, Voltaire, Napoleon, Bismarck,—with a care proportionate to their significance for the world. Frequent essays, discussing some aspect of the periods under investigation, and maps prepared by the student, are required of each member of the class.

For Sophomores. Four hours. First term. Elective.

2. English History. Two points of view predominate in this course,—the political and the economic. An effort is made to trace both the political changes which have made England the type of modern constitutional government, and the transformation of economic life by which modern industrialism has been built up in Great Britain. Along these two lines emphasis is laid on the following features: (a) English institutions in their formative period; the growth of the Parliament and the Cabinet system; the constitutional aspects of the Puritan Revolution; local government; the expansion of the British Empire; (b) the development of economic life from the "household economy" to the "world economy;" the so-called Industrial Revolution and the factory system; commercial relations.

For Sophomores. Three hours. Second term. Elective.

3. American Colonial History. This course deals with the history of the American colonies from the period of discovery to the end of the Revolutionary War. American colonization is considered in the light of general colonization as a phase of history. Special attention is given, first, to the constitutional and institutional development of the English colonies and their growth toward independence and union, and secondly, to the struggle between France and England for mastery in the new world. The course terminates with a detailed study of the causes and consequences of the American Revolution.

Some effort is made in connection with this course, as well as Course 4, to familiarize the student with the best methods of historical research. Collateral reading, map work, and written exercises are required.

For Sophomores. Three hours. Third term. Elective.

4. American National History. The political and social history of the United States from the Revolutionary War to

the present time. The formation and dissolution of the Confederation of 1781 ; the framing of the federal constitution ; the growth of the union ; the rise and history of political parties ; the influence of westward expansion, and of slavery on political life ; the origin and significance of the more important economic problems that have occupied the attention of the nation.

For Juniors. First term. Three hours. Elective.

5. Historical Seminary. This Seminary is organized upon the German model, and is offered only to students who have attained a satisfactory rank in their previous work in History. Each member of the class is required to prepare at least one original essay upon some historical topic, and to read it before the seminary. The subjects of all the essays for each term must relate to a given period. At each meeting the essay that is read is made the basis of a discussion of the subject it treats. Students are required to make extensive use of the library facilities offered by Lewiston and Auburn, and to familiarize themselves, so far as possible, with the original sources of historical information.

For 1903 the general subject is the "American Revolution."

Second term. Two hours. Open to Juniors (with the above-mentioned restriction).

SOCIOLOGY.

1. The outlines of Sociology. A study of the elementary principles of human association and the development of the different forms of association. The principal topics under discussion will be the nature of social phenomena, the scope and method of sociology, the social mind, the processes of social development, the evolution of domestic, ceremonial, political, ecclesiastical, professional, and industrial institutions. The purpose of this course is to develop in the mind of the student the power to observe and analyze social facts, to

enable him to trace these facts to the elementary social motives and forces, and to foster a spirit of social solidarity by establishing an ethical theory of social progress.

For Seniors. Three hours. Second term. Elective. Required of candidates for the degree of B.S.

2. Practical Sociology. This course deals with the present-day problems of social life,—the treatment of defectives, dependents, and delinquents. Modern civilization has given rise to ethical, economic, and hygienic problems that are peculiarly complex and are calling for solution. An effort is made in this course to acquaint the student with the nature of these problems and the solutions that have been proposed for them. The principal social problems under discussion will be Immigration, Pauperism, Charity, Organization, Slums, Intemperance, and Criminality.

This course is not technical, but intended as a preparation for intelligent citizenship. Students will be encouraged to undertake sociological field-work, *i. e.*, the study of charitable and correctional institutions in this vicinity. The class will visit such institutions in groups, and an effort will be made to have specialists in social reform work lecture to the students from time to time.

For Seniors. Three hours. Third term. Elective.

POLITICAL SCIENCE.

The course in Political Science or Public Law is planned to familiarize the student with the theory and machinery of American government, our federal constitutional law as compared with that of the leading European nations, and the present tendencies in national and local government. An analytical and critical study of the United States Constitution forms the beginning of the course, which terminates with an examination of the workings of political parties.

For Seniors. Three hours. First term. Elective.

ECONOMICS.

1. Commerce. The first part of this course consists of a brief account of the growth of commerce and the importance of commerce as determinative of social structure. The second, systematic part presents a study of the natural and social resources of the United States and the principal foreign countries, the geographical distribution of various industries, and the factors which determine the nature and extent of commerce. This course is admirably suited to prepare the student for Course 2 in Economics, although it is not absolutely necessary before taking that course.

For Freshmen who are candidates for the degree of B.S. Three hours. Third term.

2. Principles of Political Economy. An introduction to the study of economic problems. Although this is essentially a course in economic theory, the student is led to observe critically and carefully the phenomena of every-day industrial life, and thus to remark those uniformities which are expressed by theoretical formulæ. He is familiarized with the nature of economic laws, the data of economic inquiry, the scope and method of economic science, and equipped with a knowledge of its leading principles. He is furthermore, and above all, led to appreciate the complexity of practical economic problems; and with a view to acquainting him with the actual mechanism of modern industrial life, visits will be made by the class to factories, work-shops, and other industrial establishments.

Required of all Juniors. Three hours. Second term.

3. Economic Distribution. A continuation of Course 2 in Economics. This course is devoted to the study of the economic problems of distribution and an examination of socialism, collectivism, nationalism, and the single tax theory. Part of the time is devoted to the study of modern productive

methods, the formation of trusts, the monetary question, and the conflict between labor and capital.

Required of all Juniors. Three hours. Third term.

4. Economic Seminary. Organized on the same plan as the historical seminary, and open only to such students as have attained satisfactory rank in previous economic studies. The subject for 1903 will probably be, "The Effect of Trusts on Wages and Prices."

For Seniors. Two hours. First term. Elective.

ELOCUTION.

FRESHMAN YEAR.—SECOND TERM.

1. Development and training of the imaginative instinct. Simple attention and admiration of nature. Spontaneity; Freedom; Vocal Painting.

Vocal Training. Correct methods of breathing. Openness of tone passage. Preparatory action for speech. Ease, freedom, and openness in tone production. Class work one hour a week.

Prize Declamations, in which every member of the class is prepared by special instruction and drill.

SOPHOMORE YEAR—FIRST TERM.

2. Development of logical instinct. Emphasis; Inflection; Touch; Subordination. Sequence of ideas.

Vocal Training, to secure control of breath and elasticity of tone. Class work one hour a week.

Prize Declamations, in which every member of the class is prepared by special instruction and drill.

JUNIOR YEAR.—THIRD TERM.

3. Study of conversation, narration, description, and soliloquy, to develop naturalness in speech form.

Vocal Training, continued to develop agility and ease. Class work one hour a week.

SENIOR YEAR—THIRD TERM—ELECTIVE.

4. Sympathetic instinct; Transition; Contrast; Rhythm; Pause; Attack. Effect of Emotion in Tone; Tone Color; Purpose.

Vocal training continued. Class work one hour a week.

Open to young women only.

5. Study of different forms of oratory. Work on extracts from each style, with training in gesture and attitude, as related to public speaking. Open to young men only.

Senior year. Third term. Elocution 4 and 5.

EDUCATION.

1. Introduction to educational theory. Lectures, class exercises, required reading, and discussion of educational principles. Weekly reports.

Three hours. Third term.

This course deals with the special aims and general method of elementary and of secondary education; educational values; the correlation of studies; child study; moral training; school hygiene; the bearing of psychology and ethics on educational practice; bibliography. The course is intended as a guide to the further study of educational questions, and is given primarily for those who expect to teach.

2. The history of education. A general survey of education, training the historical development of modern schools and universities, with especial consideration of their ideals, methods, and organization. Required reading and weekly reports.

[Courses 1 and 2 are given in alternate years; course 2 is omitted in 1902-1903.]

Outline of Studies.

The figure preceding a subject indicates the number of the course in that study as explained on pages 17 to 47. The figure following a subject indicates the number of exercises per week. Electives are italicized. The left-hand column shows the arrangement of studies leading to the degree of A.B., the column on the right shows the arrangement for the degree of B.S.

FRESHMAN YEAR.

First Term.

1	Latin	3	1	Latin	3
1 or 1*a*	Greek	3	1	Physiology	3
1	English	2	1	English	2
1	Mathematics	5	1	Mathematics	5
1	French	2	1	French	2
1	Christian Ethics	1	1	Christian Ethics	1
1	Ornithology	1	1	Ornithology	1

Second Term.

2	Latin	3	2	Latin	3
2 or 2*a*	Greek	3	2	Physiology	3
2	English	2	2	English	2
2	Mathematics	5	2	Mathematics	5
2	French	3	1	Botany	3
1	Elocution	1	1	Elocution	1

Third Term.

3	Latin	3	3	Latin	3
3 or 3*a*	Greek	3	1	Commerce	3
3	English	2	3	English	2
3	Mathematics	5	3	Mathematics	5
3	French	3	2	Botany	3
2	Ornithology	1	2	Ornithology	1

SOPHOMORE YEAR.

First Term.

4 English	3	4 English	3
1 German	3	1 German	3
1 Physics	3	1 Physics	3
2 Elocution	1	1 Zoölogy	3
4 *Mathematics*	3	2 Elocution	1
4 *Latin*	3	4 *Mathematics*	3
1 *History*	3	4 *Latin*	3
4 *Greek*	3	3 *Botany*	3
		1 *History*	3

Second Term.

5 English	3	5 English	3
2 German	3	2 German	3
2 Physics	3	2 Physics	3
1 Botany	3	1 Chemistry	3
5 *Mathematics*	3	5 *Mathematics*	3
5 *Greek*	3	5 *Latin*	3
2 *History*	3	2 *History*	3
5 *Latin*	3		

Third Term.

3 German	3	3 German	3
3 Physics	3	2 Zoölogy	3
2 *Botany*	3	2 Chemistry	3
6 *English*	3	3 Physics	3
6 *Mathematics*	3	6 *English*	3
6 *Latin*	3	6 *Mathematics*	3
4 *French*	3	6 *Latin*	3
3 *History*	3	4 *French*	3
		3 *History*	3

JUNIOR YEAR.

First Term.

7	English	4	7	English	4
3	Chemistry	3	5	Chemistry	3
4	*German*	3	4	*German*	3
5	*French*	3	5	*French*	3
4	*Physics*	3	3	*Zoölogy*	3
4	*History*	3	4	*History*	3
3	*Botany*	3	4	*Physics*	3
1	*Zoölogy*	3	7	*Latin*	3
7	*Latin*	3	7	*Mathematics*	2
7	*Mathematics*	2			

Second Term.

1	Economics	3	2	Economics	3
4	Chemistry	3	5 and 6	Chemistry	3
8	*English*	4	8	*English*	4
8	*Latin*	3	8	*Latin*	3
5	*German*	3	5	*German*	3
6	*French*	3	6	*French*	3
5	*Physics*	3	5	*Physics*	3
8	*Mathematics*	2	4	*Zoölogy*	3
5	*Historical Seminary*	2	8	*Mathematics*	2

Third Term.

2	Psychology	3	2	Psychology	3
2	Economics	3	2	Economics	3
3	Elocution	1	3	Elocution	1
9	*English*	4	1	Mineralogy	2
6	*German*	3	6	*German*	3
7	*French*	3	7	*French*	3
5	*Chemistry*	3	6	*Chemistry*	3
1	*Mineralogy*	2	9	*English*	4
6	*Physics*	3	6	*Physics*	3
2	*Zoölogy*	3	5	*Zoölogy*	3
9	*Latin*	3	9	*Latin*	3
9	*Mathematics*	2	9	*Mathematics*	2

SENIOR YEAR.

First Term.

3	Psychology	3
10	*English*	4
7	*German*	3
8	*French*	3
5 and 6	*Chemistry*	3
2	*Geology*	3
7	*Physics*	3
4	*Economic Seminary*	2
1	*Political Science*	3
10	*Latin*	3
3	*Zoölogy*	3
1	*Spanish*	3

3	Psychology	3
2	Geology	3
10	*English*	4
7	*German*	3
8	*French*	3
7	*Chemistry*	3
6	*Zoölogy*	3
4	*Economic Seminary*	2
7	*Physics*	3
10	*Latin*	3
1	*Political Science*	3
1	*Spanish*	3

Second Term.

4	*Logic*	3
11	*English*	4
6	*Chemistry*	3
1	*Sociology*	3
8	*Physics*	3
8	*German*	3
9	*French*	3
1	*Astronomy*	3
11	*Latin*	3
4	*Zoölogy*	3
2	*Spanish*	3

1	Astronomy	3
1	Sociology	3
4	*Logic*	3
11	*English*	4
8	*Chemistry*	3
8	*German*	3
9	*French*	3
8	*Physics*	3
11	*Latin*	3
2	*Spanish*	3

Third Term.

4	*Elocution*	1	2	Astronomy	3
5	*Ethics*	3	7	*Zoölogy (Histology)*	3
12	*English*	4	4	*Elocution*	1
7	*Chemistry*	3	5	*Ethics*	3
9	*Physics*	3	9	*Physics*	3
2	*Sociology*	3	12	*English*	4
2	*Astronomy*	3	9	*Chemistry*	3
10	*French*	3	2	*Sociology*	3
9	*German*	3	10	*French*	3
12	*Latin*	3	9	*German*	3
3	*Spanish*	3	12	*Latin*	3
			3	*Spanish*	3

After the first year students elect subjects enough to make not less than 15 exercises per week (16 including elocution) and not more than 19.

LABORATORIES.

CHEMICAL.

The building of the chemical department is called the Hedge Laboratory, in honor of the late Isaiah H. Hedge, M.D., of Waukon, Iowa, who generously furnished the means for its erection. It is a two-story brick building, finely located, and of attractive modern style. On the first floor are the chemical lecture room, with rooms adjoining for chemicals and apparatus, and a class laboratory room recently fitted up with tables and sinks sufficient to accommodate thirty-two students. The large room for the general laboratory work of the classes occupies the most of the second floor. It is well lighted, thoroughly ventilated, and conveniently fitted with sinks, hoods, and tables sufficient to accommodate fifty-eight students. Adjoining this room are the weighing and apparatus rooms and the private laboratory of the professor.

The arrangement and appliances of the whole building are in accordance with the most approved plans of modern laboratories. The heating apparatus has been changed and the building is now thoroughly heated by steam.

PHYSICAL.

During the summer of 1899 the Physical Department was moved from Hathorn Hall to Science Hall—a large, commodious building formerly occupied by the Latin School. The department comprises a well-arranged lecture-room, a large and well-appointed general laboratory and apparatus room, a dynamo room and workshop, and a dark-room. These are conveniently arranged and well furnished for their purposes. The collection of apparatus for lecture purposes and for student laboratory work is rapidly growing. Among the apparatus may be mentioned a Queen electro-dynamo-meter, alternating current volt-meter, standard resistances, complete

X-ray outfit, large Ruhmkorff coil, several motors, 1500 watt dynamo, hand-power dynamo, demonstration lantern with good optical bench, spectroscope with two prisms, and apparatus for wireless telegraphy.

BIOLOGICAL.

In the past summer vacation rooms have been prepared in Science Hall for a Biological laboratory and recitation rooms. These are fitted with the necessary appliances and afford ample accommodations for thorough and extensive work in this department.

CABINETS.

BOTANICAL.

The nucleus of the Herbarium was gathered many years ago by an enthusiastic botanist, the late Dr. Aaron Young. It contained a representative collection of New England—especially of Maine plants, a part of which was gathered during the State Geological Survey, conducted by the late Dr. Charles T. Jackson. The plants chiefly used now, however, in the identifying of species, are those that have been pressed and mounted in the laboratory and the herbarium of the late President Chadbourne of Williams College, Mass., which was purchased by the College.

Of this Dr. O. R. Willis, a distinguished botanist of New York, has said: "It is one of the best working Herbariums I have ever examined." Besides its collection of New England plants, including the grasses, sedges, ferns, etc.,—in all about two thousand specimens, it has several groups of ferns from other countries, also pretty full collections of mosses and lichens, named by the highest authorities, and more than a thousand fungi. There are collections of the plants of New Jersey, Tennessee, and Florida, also from several foreign countries, illustrating the identity of many families in Europe and America. There are also collections from Greenland, Labrador, and the tropics, and mountain flora from the Rocky Mountains, the White Mountains, and the Alps. There are also some fifteen hundred duplicates. These are in cabinets of the most approved construction.

MINERALOGICAL.

The cabinet of minerals, shells, and fossils occupies a large room on the second floor of Science Hall. The collection is conveniently arranged and is steadily growing. No attempt is made to secure showy shelf specimens of great cash value. Educational value is the only thing considered. All the common minerals, and many of those of rare occurrence, are fully represented by typical specimens. It is intended to make the collection of local minerals as complete as possible. Among the shells and fossils are many choice specimens.

ORNITHOLOGICAL.

The ornithological collection contains mounted specimens of nearly all the New England birds, besides many from other parts of the United States and from foreign countries. In all there are about one thousand specimens.

LIBRARIES.

The number of volumes in the different libraries is as follows:

College Library (exclusive of pamphlets), . .	20,157
Divinity School Library, ...	4,343
Eurosophian Society Library, ...	609
Total, ...	25,109

The College Library has been selected with special reference to the needs of the several departments. It is composed mainly of modern publications, and contains many important works of reference. It is increased each year by a regular appropriation. It is open six hours a day for consultation and the delivery of books.

UNIVERSITY EXTENSION.

Members of the Faculty are prepared to give lectures upon subjects in Science, Literature, Philosophy, History, Economics, Sociology, and Pedagogy. Particulars can be learned by correspondence with the President, or the secretary of the Faculty.

PHYSICAL CULTURE.

The medical advisers give each student a thorough physical examination during the first term of attendance at college. From the measurements and strength tests taken, a chart is made out for each student, showing his size, strength, and symmetry, in comparison with the normal standard, and also what parts of the body are defective either in strength or development. A hand-book containing the exercises prescribed for the correction of any physical defects shown by his chart, and giving specific directions in regard to diet and bathing, is furnished each student.

When any student is found defective in vision, he receives from one of the college oculists the specific treatment that his case may require.

During the latter part of the first term and all of the second term each class is required to exercise in the Gymnasium, under the supervision of the Director, for one hour on four days of every week. A graded course of class exercises has been arranged. The Freshmen have developing exercises, military drill, and Indian-club swinging; the Sophomores, boxing, wrestling, and dumb-bell drill; the Juniors, fencing with single sticks and broadswords.

Gymnasium work for the Seniors is optional. For the exercises with chest-weights, bar, rings, etc., each class is divided into divisions, and the work is carefully graded to suit the strength of each division.

The young ladies' work consists of fancy steps, Swedish movements, wand, Indian-club, and dumb-bell exercises; also special work on developing appliances. Basket-ball, bowling, etc., are played two or three times a week.

The Gymnasium is steam heated and equipped with the apparatus necessary for the thorough and systematic training and development of the human body. This apparatus is new and of the most approved modern pattern. In the basement of the Gymnasium are convenient bath-rooms, provided with lockers, hot and cold water, dip baths, shower baths, etc.

Eight fine tennis courts offer abundant opportunity for this healthful game.

ATHLETIC FIELD.

The new Garcelon Athletic Field has been completed, and is considered one of the best in New England. Its attractiveness has been greatly increased by the erection of a tasteful and commodious Grand Stand. The field, surrounded by a fence, is seven acres in extent, and constructed at an expense of over $6,000. It contains a quarter-mile track, two hundred and twenty yard straight-away, take-offs for the jumps and pole vault, foot-ball field, base-ball diamond, and three excellent tennis courts.

RELIGIOUS EXERCISES.

At the close of the first morning recitation each day all the students, with the Faculty, assemble in the chapel for prayer, reading of scripture, and singing. The Students' Christian Associations—Young Men's and Young Women's—hold a union meeting every Wednesday evening, in the Association room, from 6.30 to 7.15 o'clock. The Y. M. C. A. also hold a meeting Sunday mornings from 9.30 to 10 o'clock. Voluntary classes for Bible study are carried on through the year.

The prayer-meetings of the Y. W. C. A. are on Mondays from 6.30 to 7.15 P.M.

The methods employed are successful in making the meetings varied, attractive, earnest, and spiritual. One meeting each month is devoted to some phase of missionary work.

In addition to these, weekly class prayer-meetings are held and are usually well attended.

The last Thursday in January is observed as "The Day of Prayer for Colleges," and is set apart entirely for meetings with a religious purpose. A sermon, to which the public is invited, is preached in the chapel at 2.30 P.M. It is hoped that Christian friends of the College generally will remember this day.

READING-ROOM.

The College has a Reading-Room, independent of the Library, supplied with a large number of the best daily and weekly newspapers, monthlies, and quarterlies. It is kept open during the whole day.

COLLEGE MAGAZINE.

The *Bates Student* is published monthly under the direction of the Editors and Managers selected from the Junior Class. The first number was issued January, 1873.

LITERARY SOCIETIES.

The College has no secret societies. It is doubtless owing largely to this fact that all the students unite with an earnest and wholesome interest in the support of the three literary societies, the EUROSOPHIAN, POLYMNIAN, and PIÆRIAN. The last is a new society, organized in the spring term of 1897. Much systematic work is devoted to preparation for the weekly meetings, which are held on Friday evening, and are occasions not merely of social pleasure, but of most useful drill.

The programmes contain assignments that encourage musical culture, literary criticism, and essay writing.

The meetings afford thorough discipline in debate and in the proper conducting of deliberative assemblies, together with a stimulus to excellence in these attainments that to many is an educating force rarely found in college, and hardly second in utility to any department of the curriculum.

THE STUDENTS' SENATE.

The Students' Senate is a body of men of the college which meets every Tuesday evening for debating, public speaking, and parliamentary practice. In organization and in methods of conducting business the Senate is similar to Congress. Membership is open to all men students.

YEARLY EXPENSES.

Tuition, ...	$50.00		$50.00
Suites of rooms, including heat (two in a suite), ...	15.00	to	30.00
Board (37 weeks, from $2.00 to $3.00 per week),	74.00	to	111.00
Lights, laundry, books, etc., . .	20.00	to	30.00
General expenses, ...	21.00		24.00
Total, ...	$180.00		$245.00

Students taking Laboratory courses in Chemistry and Physics are charged an extra fee of five dollars each term.

The Freshmen pay a fee of one dollar for their medical examination, chart, and hand-book.

Board in private families (laundry, fuel, etc., included), $4.00 to $5.00 per week. Rooms in private families, without board, can be obtained at reasonable prices. Students are advised in regard to selecting their rooms and boarding places, and after the selection is made are not expected to change without consulting the Class Officer.

College bills for the First Term must be paid by October 15th, and for the Second Term by March 1st. Students unable to pay their bills on or before the above dates are required promptly to present to the Faculty in writing their reasons why further time is necessary. Bills for the Third Term must be paid by May 1st. Requests for an extension of time beyond this date must be made in writing to the College Treasurer.

EXAMINATIONS.

Written examinations are given at the close of each term and at such other times as the instructors may determine.

RANK BILLS.

These are sent to the parent or guardian of each student at the close of every term.

DEGREES.

The Degree of Bachelor of Arts is conferred on all students who complete satisfactorily the requisite courses.

The Degree of Bachelor of Science is conferred upon those who have pursued the courses of study appropriate to the degree.

The degree of Master of Arts is conferred on graduates of the College of at least three years' standing who have completed one year's graduate non-professional study or its equivalent. Either two or three subjects may be selected, with the advice and under the direction of the heads of the College departments. Evidence of proficiency is to be given by examination and thesis. Theses must be presented and fee paid as early as June 1st, and final examinations must be passed not later than ten days before the annual Commencement. The fee is $10.00. Modifications of the foregoing conditions may be granted resident graduates.

BUILDINGS.

The College has eight buildings—Hathorn Hall, Parker Hall, Hedge Laboratory, Science Hall, Roger Williams Hall, Coram Library, Gymnasium, and President's House.

CORAM LIBRARY.

Coram Library has just been completed, and it is one of the most beautiful and best planned buildings of its kind. Its reading, reference, seminar, and stack rooms are models of taste and convenience. The furnishings throughout are of the most approved designs of modern libraries. One of the largest rooms has been reserved for the reception of statuary, bronzes, pictures, and curios that the friends of the College have been waiting to give when a suitable place should be provided. There is now ample space for new books, and it is hoped that long standing needs in various departments will soon be met. Special attention is invited to the needs in the departments of Sociology, Economics, and History.

NEEDS.

1. A Larger Fund. The *present* work of Bates, though carried on with rigid economy, involves an expenditure of several thousand dollars annually more than her income from all sources; and this amount must be raised each year in order to avoid a deficit. $100,000 should be added to her present fund as soon as the amount can be raised.

2. The sum of $10,000 for heating Science Hall with steam and ensuring to it a better equipment.

3. A fund of $20,000, of which the income shall be used to make additions to the Library.

4. An Auditorium for public exercises, with rooms for the three Literary Societies and the Christian Associations.

5. $100,000 for the erection and equipment of an observatory upon Mount David, and for the maintenance of a Professorship of Astronomy.

6. A Dormitory and Gymnasium for the young women of the College. While the other needs are urgent, the last is imperative.

The following are some of the grounds on which the College solicits aid:

1. To a large number of young men and young women it offers their sole reasonable hope for obtaining a liberal education.
2. It is recruiting the ranks of educators, East, South, and West, with a body of scholars and teachers of signal ability and influence.
3. No college in the country has been more successful in securing character as well as scholarship.
4. The work of the college has no taint of sectarianism.
5. The location of the College seems the best possible for its usefulness. It can gather young men and young women of small means but of great promise, and can give them the New England culture of heart and mind to be used for the good of our entire country.
6. It took up the cause of higher education for women when it was unpopular.
7. Nowhere in our country is there a more vital connection between every dollar to educational work and the forces that are shaping our Christian civilization.

Forty thousand dollars will endow a professorship. One thousand dollars will endow a perpetual scholarship.

FORM OF A BEQUEST.

"I give and bequeath to the President and Trustees of Bates College, a corporation existing in Lewiston, Maine, the sum of————dollars, in trust, the principal of said sum to be safely invested by them, and the income thereof appropriated under their direction for the purposes of the College."

SCHOLARSHIPS.

State Scholarships.

There are ten State Scholarships (giving tuition to ten students) in the hands of the Governor; and in bestowing them preference is given to the children of those who have borne arms in defense of their country, and always to students who are needy and meritorious.

Each of the following scholarships has been endowed by a donation of one thousand dollars, and it gives free tuition to the student elected to hold the scholarship.

Redington Scholarship—For a Lady Student.

Endowed by the late Hon. Asa Redington, LL.D., of Lewiston. This is supposed to be the first instance of such an appropriation in any of the colleges.

Dudley Scholarship.

Endowed by Alvin D. Dudley, Esq., of Haverhill, Mass.

Cheney Scholarship—For a Student from New Hampshire.

Endowed by Hon. Person C. Cheney, A.M., of Manchester, N. H.

Woodman Scholarship.

Endowed by the Paige Street Free Baptist Church, Lowell, Mass., in memory of Rev. Jonathan Woodman, late pastor of the church.

Symonds Scholarship.

Endowed by the Plymouth Free Baptist Church, Portland, in memory of Joseph Symonds, Esq., deacon of the church.

Clements Scholarship.

Endowed by the late Rev. Tisdale D. Clements of Lewiston.

Bridge Scholarship.

Endowed by Charles Bridge, Esq., of Gardiner.

Lewis Scholarship.

Endowed by the late Chace Lewis, Esq., of Providence, Rhode Island.

Class Scholarship.

Endowed by the Class of 1877.

Bartlett Scholarship.

Endowed by the Main Street Free Baptist Church, Lewiston, in memory of Rev. Flavel Bartlett.

Nathaniel Bowen Scholarship.

Endowed by Mrs. Hannah Bowen, of Providence, R. I.

Cobb Scholarship.

Endowed by the late Hon. C. C. Cobb of Lewiston, in memory of his son, Rev. Frank Woodbury Cobb, A.M., Class of 1873.

Houghton Scholarship.

Endowed by the late Rev. Alphonso L. Houghton, A.M., of Lawrence, Mass., Class of 1870.

Randall Scholarship.

Endowed by Mrs. Abby Randall, in memory of Isaac Randall, Esq., of Johnston, R. I.

Williamson Scholarship.

Endowed by Elias W. Williamson, Esq., Potter's Landing, Md., in memory of his father, Rev. Stephen Williamson, of Stark.

Quinnam Scholarship.

Endowed by Mrs. James Hobbs of Chicago, Ill., in memory of her father, Rev. Constant Quinnam.

Eaton Scholarship.

Endowed by Mrs. Oliver H. Durrell of Cambridge, Mass., in memory of her father, Rev. Ebenezer G. Eaton of Lewiston.

Baldwin Scholarship.

Endowed by the late B. C. Baldwin, Esq., of Lowell, Mass., in memory of his wife.

Bonney Scholarship.

Endowed by Mrs. Harriet Cheney Bonney and Sherman G. Bonney, M.D., in memory of Calvin F. Bonney, M.D., of Manchester, N. H.

Frye Scholarship.

Endowed by Hon. William P. Frye, LL.D., of Lewiston.

Nutting Scholarship.

Endowed by the late Lyman Nutting, Esq., of Lebanon, Pa., in memory of his sister, Mrs. Charlotte Nutting Chadbourne.

Ellis Scholarship.

Endowed by Miss M. A. Wales of Boston, Mass., in memory of her pastor, Rev. Rufus Ellis, D.D.

Talpey Scholarship.

Endowed by Hon. Charles W. Talpey of Farmington, N. H.

Thissell Scholarship.

Endowed by Mrs. Abby T. Deering of Portland, in memory of Hon. John Thissell of Corinth.

Ward Scholarship.

Endowed by Mrs. Mary E. Ward, in memory of her husband, Warren Ward, Esq., of Auburn.

Bean Scholarship.

Endowed by Cyrus E. Bean, Esq., of Portland, in memory of his father, Cotton Bean, Esq., of Limerick.

Small Scholarship.

Endowed by James T. Small, Esq., of Lewiston, in memory of his son, Everett J. Small, Class of 1899.

Dyer Scholarship.

Endowed, for the benefit of some student preparing for the Christian ministry, by Mrs. Irene M. Higgins, in memory of her parents, Mr. and Mrs. Jonah Dyer of Cape Elizabeth.

Cushman Scholarship.

Endowed by Ara Cushman, Esq., of Auburn.

Page Scholarship.

Endowed by Peter Page, Esq., of New York City.

Ramsey Scholarship.

Endowed by Mrs. V. G. Ramsey of North Berwick, in memory of her husband, Rev. G. P. Ramsey.

Mathews Scholarship.

Endowed by John M. Mathews, Esq., of Burlington, Vt., in memory of his daughter, Orissa Frances Mathews.

Perkins Scholarship.

Endowed by Mrs. Moses W. Shapleigh of Ashland, N. H., in memory of her father, Rev. Thomas Perkins.

Woodbury Scholarship.

Endowed by friends of the late Charles Woodbury of Boston, for the benefit of some Methodist student.

Harmon Scholarship.

Endowed by the late Ivory W. Harmon of Newton Center, Mass., in memory of his son, Wallace Ivory Harmon.

Mary L. Stone Scholarship.

Endowed by James S. Stone of Boston, Mass., in memory of his wife.

Jordan Scholarship.

Endowed by Merrill Page and Emily Deering Jordan, in honor of Rev. Zachariah and Sabrina Page Jordan.

Clapp Scholarship.

Endowed by Lucius Clapp, Esq., of Randolph, Mass.

Weber Scholarships.

The Trustees, under the will of the late Frederick E. Weber of Boston, Mass., have given five thousand dollars for the maintenance of Weber Scholarships, for the benefit of needy and deserving students at Bates College. It is a condition of the gift that one-half of the income shall be added to the principal year by year; and that the remaining half only shall be used for the support of said scholarships.

Lovina Haines Haskell Scholarship.

Endowed by Edwin B. Haskell of Boston, Mass.

Fiske Scholarship.

Endowed by Miss Elizabeth S. Fiske of Boston, Mass.

Rowe and Clarry Scholarships.

Endowed by a bequest of Mrs. Emily H. C. Rowe in memory of her daughter, Miss Emma F. Clarry, and affording free tuition to four young women, preference to be given to worthy students from Brooks, Me.

Dexter N. Richards Scholarship.

Endowed by Mrs. L. M. Richards of Brookline, Mass., in memory of her husband.

Stetson Scholarship.

Endowed by Amos W. Stetson of Boston, Mass.

John D. Philbrick Scholarship.

Endowed by Mrs. John D. Philbrick.

William Wells Cate Scholarship.

Endowed by Rev. C. E. Cate, D.D., of Providence, R. I., in memory of his brother.

Coe Scholarship.

A scholarship of $3,000, endowed by Thomas Upham Coe of Bangor, in memory of his brother, Eben Smith Coe. The income is awarded annually to the man in the Senior Class whose scholarship and conduct, during the previous three years of the course, have been the most meritorious. The award is made at the close of the Junior year.

Waldron Fund.

Given by Rev. William H. Waldron of Farmington, N. H., the interest to pay the tuition of students studying for the Christian ministry.

Knowlton Scholarship Fund.

Hon. Hiram Knowlton of Portland, Me., has deposited with the treasurer of the College $3,000, the income of which sum is to be used, when under the stipulated conditions it shall become available, for the maintenance of certain scholarships.

Joseph S. Ricker Scholarship Fund.

A fund of $10,000 to ensure free tuition to deserving women students—the beneficiaries to be selected, whenever practicable, from different counties in Maine.

Bradstreet Fund.

Mr. William W. Bradstreet of Gardiner, Me., has established a Trust Fund of $2,000, the income of which is to be used for the benefit of deserving students, under the direction of the President of the College, and in accordance with certain conditions specified in the trust.

Student Fund.

Students contemplating the Christian ministry receive assistance every year of the course.

PRIZES.

Prizes will be awarded as follows:

First—For General Scholarship.

To the Junior Class—Two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

To the Sophomore Class—Two prizes of EIGHT DOLLARS each, one to a young man and one to a young woman.

To the Freshman Class—Two prizes of SIX DOLLARS each, one to a young man and one to a young woman.

Second—For Excellence in Declamation.

In the Second Term—To the Freshman Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the First Term—To the Sophomore Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the Third Term—To the Junior Class, a prize of TWENTY DOLLARS, for excellence in original declamation. Also for several years a special prize of SEVENTY-FIVE DOLLARS has been given for original declamation.

Third—For Excellence in English Composition.

In the Third Term—To the Sophomore Class, a prize of TEN DOLLARS.

Fourth—For Excellence in Public Debate.

Second Term—To each division of the Sophomore Class, a prize of TEN DOLLARS.

Third Term—The Champion Debate—A prize of TWENTY DOLLARS. Eight are elected from the Sophomore Class to participate in it.

Hon. F. M. Drew gives annually two prizes of TWENTY-FIVE DOLLARS each for excellence in team debate.

For the past year prizes have been awarded as follows:

For General Scholarship—Howard C. Kelly, Hazel Donham, Albion K. Spofford, Alice L. Sands, Percy H. Blake, Marion E. Mitchell.

For Public Declamation—1901, to John S. Reed, Marion D. Ames; 1902, to John A. David, Emma A. Bray.

For English Composition—1902, to Leon A. Wardwell.

For Original Declamation—1902, to Carroll L. Beedy, Frances A. Miller.

For Public Debate—For 1902, to Judson C. Briggs, Milton W. Weymouth, Alice L. Sands, Albion K. Spofford, Harry L. Bradford, Frederick M. Swan.

In the Intercollegiate Debate with the Harvard Seniors the winning team consisted of Earle A. Childs, '02; John A. Hunnewell, '02; and Carroll L. Beedy, '03.

STUDENTS.

SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Adams, Walton Samuel,	*Bowdoinham.*	411 Main Street.
Allen, Charles Plummer,	*Columbia Falls.*	37 P. H.
Bailey, Lowell Ernest,	*North Anson.*	30 S. H.
Bartlett, Grace Etta,	*Dixfield.*	33 High Street, Auburn.
Beedy, Carroll Linwood,	*Lewiston.*	2 Davis Street.
Brown, Robert Alpheus,	*Bowdoin Center.*	40 P. H.
Bucknam, Nathan Carlton,	*Columbia Falls.*	5 P. H.
Clark, Anna Louise,	*Exeter, N. H.*	142 College Street.
Coolidge, Charles Wilson,	*Lisbon Falls.*	41 P. H.
Cornforth, Edna,	*Skowhegan.*	87 Wood Street.
Cumner, Guy,	*Lewiston.*	9 Union Street.

Donham, Hazel,	*Hebron.*	262 College Street.
Everett, Phillip Revere,	*East Poland.*	
Fisher, Olive Grace,	*Lewiston.*	35 High Street.
Freeman, Lucy Louise,	*West Gray.*	262 College Street.
Hicks, Charles Ernest,	*Danville Junction.*	123 Spring Street, Auburn.
Higgins, Everett Clifton,	*Clinton.*	35 P. H.
Howes, Allison Prince,	*Hartland.*	17 Frye Street.
Hunt, Ralph Leslie,	*Gardiner.*	31 P. H.
Jennings, Hulbert Randall,	*Bowdoinham.*	411 Main Street.
Jordan, Clarence Lorine,	*New Portland.*	16 P. H.
Jordan, Theresa Ella,	*Auburn.*	7 Forest Avenue, Auburn.
Junkins, John Chester,	*York Corner.*	12 P. H.
Kelly, Howard Clinton,	*Saco.*	133 College Street.
Kendrick, Katherine Howe,	*Litchfield Corner.*	87 Elm Street.
Kendrick, Susie May,	*Litchfield Corner.*	87 Elm Street.
Keyes, William Wheeler,	*Gardiner.*	46 P. H.
Lord, Norris Samuel,	*Limerick.*	39 P. H.
Lord, Harriet Belle,	*Auburn.*	404 Turner Street, Auburn

Lothrop, Theodore Aubrey,	*Lewiston.*	52 Wood Street.
Manual, Ida Mae,	*Franklin Falls, N. H.*	262 College Street.
Maerz, Alexander,	*Lewiston.*	179 Oak Street.
Miller, Frances Augusta,	*Lewiston.*	6 Frye Street.
Nichols, Roger William,	*West Epping, N. H.*	163 Lisbon Street.
Norton, Lillian Alice,	*Lewiston.*	30 Elm Street.
Pingree, Clara Bearce,	*Lewiston.*	17 Wakefield Street.
Piper, John Obed,	*Bingham.*	34 P. H.
Pray, James Edwin,	*Gardiner.*	31 P. H.
Prince, Nellie Louise,	*New Boston, N. H.*	87 Wood Street.
Purinton, Emery Healy,	*West Bowdoin.*	41 P. H.
Putnam, Vivian Bowen,	*Lewiston.*	240 College Street.
Ramsdell, George Edwin,	*East Hebron.*	11 P. H.
Roys, Edville Adalas,	*Lewiston.*	85 Russell Street.
Sanderson, Burton Willard,	*E. Waterford.*	46 P. H.
Sawyer, Carl Dore,	*Lewiston.*	203 Oak Street.
Sharp, Alberta Eleanor,	*Lewiston.*	83 Lowell Street.
Smith, Linneon Rose,	*Winchendon, Mass.*	262 College Street.

Staples, Amy Metcalf,	*Lewiston.*	487 Main Street.
Stebbins, George Edwin,	*Shelburne Falls, Mass.*	30 S. H.
Stone, Fred Linwood,	*Auburn.*	5 P. H.
Stratton, Bertha Mae,	*Auburn.*	63 Winter Street, Auburn.
Tasker, Marion Emma,	*Randolph.*	17 Wakefield Street.
Thayer, Harold Hamilton,	*South Paris.*	9 P. H.
Towle, Jeanne May,	*Friendship.*	88 Howe Street.
Towne, Harry Merritt,	*East Parsonsfield.*	11 P. H.
Tozier, Delmont,	*Solon.*	7 P. H.
Trufant, Lester Hall,	*Auburn.*	35 P. H.
Wardwell, Leon Alta,	*Paris.*	89 P. H.
Williams, Clara Horton,	*West Bowdoin.*	247 College Street.
Witham, Raymond Lee,	*Lisbon Falls.*	133 College Street.

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JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Alexander, Carrie Maude,	*Litchfield Corner.*	44 Cottage Street.
Babcock, Ervin Nehemiah,	*Lewiston.*	115 Wood Street.
Baldwin, Albert Kilburn,	*Winthrop.*	19 R. W. H.
Barker, Abby Louise,	*Wayne.*	38 Davis Street.
Billings, Lucy Mae,	*Eastbrook.*	83 Elm Street.
Bradford, Harry Lewis,	*Newport.*	60 Middle Street.
Bray, Bessie Leila,	*Auburn.*	69 James Street, Auburn.
Bray, Emma Adeline,	*Auburn.*	69 James Street, Auburn.
Briggs, Judson Carrie,	*Caribou.*	33 P. H.
Brown, Arthur Colwell,	*East Poland.*	10 P. H.
Brown, Harry Alvin,	*Liberty.*	100 Elm Street.
Burkholder, Calder Phillips,	*Winnebago City, Minn.*	19 P. H.
Carrow, Mae Helena,	*Auburn.*	1 Manley Street, Auburn.
Case, Egbert Atheling,	*Hatfield Point, Kings Co., N. B.*	94 Nichols Street.

Cole, Perley Llewellyn,	*Harrison.*	11 P. H.
Cooper, Bessie Cora Helena,	*Smyrna Mills.*	262 College Street.
Crocker, Francis Benjamin, Jr.,	*Nahant, Mass.*	52 P. H.
Cutten, Leverett Howell,	*Portland.*	43 P. H.
David, John Archer,	*Chelsea, Mass.*	86 Nichols Street.
Day, Wesley Chester,	*Auburn.*	80 Dunn Street, Auburn.
Dunfield, Frank Freeman,	*Glenville, West Co., N. B.*	17 R. W. H.
Flanders, Jesse Knowlton,	*Franklin Falls, N. H.*	15 P. H.
Fortier, Harry Earl,	*Turner Center.*	44 P. H.
Frost, Alice Imogene,	*Norway.*	12 Wood Street.
Garland, Ernest Charles,	*Lewiston.*	8 Vale Street
Given, Jane Mary,	*Bowdoinham.*	262 College Street.
Gould, John Harold,	*Yarmouth.*	29 R. W. H.
Green, Ruby Luella,	*Hodgdon.*	139 College Street.
Hamilton, Effie Lorania,	*Waterboro'.*	262 College Street.
Harmon, George Henry,	*Bath.*	40 S. H.
Hodgson, Florence Ethel,	*Lewiston.*	194 Bates Street.
Holman, Ernest Marshall,	*South Carthage.*	26 R. W. H.

Knollin, Fletcher H.,	*Newton, Kings Co., N. B.* 17 R. W. H.
Lane, Earl Carlton,	*Livermore Falls.* 45 P. H.
Luce, Milton Leroy,	*New Vineyard.* 28 S. H.
Lugrin, Bessie Atherton,	*Lewiston.* 122 Sabattus Street.
McKusick, Carroll Lee,	*Parkman.* 11 Mountain Avenue.
Milliken, Hattie True,	*Augusta.* 16 Frye Street.
Mitchell, Nelson Stafford,	*Harmony.* 8 Vale Street.
Morison, Virabel,	*East Livermore.* 12 Wood Street.
North, Edna Mae,	*Turner.* 218 College Street.
Parker, Susie Louise,	*Lisbon Falls.* 60 Wood Street.
Parkin, Maude Ellen,	*Lisbon Falls.* 262 College Street.
Parlin, Amber Lorene,	*Lewiston.* 447 Main Street.
Phillips, Eva Ingraham,	*Lewiston.* 159 Pine Street.
Plant, Perley Hollis,	*Denmark.* 15 P. H.
Prescott, Edwin Herbert,	*Rangeley.*
Reynolds, Elsie Mabel,	*Livermore Falls.* 262 College Street.
Robbins, Bradford Hilton,	*Auburn.* 10 P. H.
Ross, George Andrew,	*Alexandria, Va.* 134 College Street.

Rounds, Frank Wendell,	*South Paris.*	P. H.
Russell, Bessie Lucile,	*Lewiston.*	98 Pine Street.
Sands, Alice Laura,	*Lewiston.*	19 Walnut Street.
Seliger, Charles Hugh Bruno,	*North Auburn.*	34 R. W. H.
Senter, George Adams,	*Windham, N. H.*	24 R. W. H.
Sinclair, John Abbott,	*Stetson.*	28 S. H.
Smith, Eugene Bernard,	*S. Framingham, Mass.*	26 R. W. H.
Spofford, Albion Keith,	*South Paris.*	44 P. H.
Swan, Frederick Mott, Jr.,	*New Sharon.*	163 Lisbon Street.
Sweeney, Joseph Cleveland,	*Sabattus.*	At Home.
Thompson, Edith Etta,	*Farmington.*	262 College Street.
Thompson, Grace Violet,	*Lewiston.*	12 Webster Street.
Turner, Viola Josephine,	*Palermo Center.*	8 Vale Street.
Walker, Alta Claire,	*South Paris.*	12 Wood Street.
Walker, Charles Henry,	*Mechanic Falls.*	6 Maple Street, Mechanic Falls.
Wallace, Almira Rice,	*Concord, N. H.*	83 Elm Street.

WALLACE, FRED WILLIAM,	*Sandwich, N. H.*	83 Elm Street.
WEYMOUTH, GUY LINWOOD,	*Greene.*	29 P. H.
WEYMOUTH, MILTON WEDGWOOD,	*West Auburn.*	At Home.
WHEELER, ANELLA MARTHA,	*Berlin, Mass.*	262 College Street.
WHITE, ETHELYN GERTRUDE,	*New Hampton, N. H.*	218 College Street.

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SOPHOMORE CLASS.

NAME.	RESIDENCE.	ROOM.
Abbott, John Woodward,	*Lewiston.*	10 Pleasant Street.
Ames, Marion Dinant,	*Lewiston.*	70 Elm Street.
Andrews, Delbert Elvin,	*Jefferson.*	H. H.
Badger, Byrd Leroy,	*Bingham.*	13 P. H.
Barr, John Ernest,	*Lowell, Mass.*	237 Oak Street.
Bartlett, Mary Alice,	*S. Natick, Mass.*	13 Skinner Street.
Benner, Guy Percy,	*S. Monmouth.*	11 R. W. H.
Bessey, Earle Dutton,	*Brooks.*	39 P. H.
Blake, Percy Harold,	*Auburn.*	45 P. H.
Briggs, Adelaide Louise,	*Lewiston.*	1051 Main Street.
Bryant, Daniel Leslie,	*North Leeds.*	45 P. H.
Bryant, Elsie Mary,	*North Leeds.*	247 College Street.
Cole, Elijah Day,	*Mechanic Falls.*	Yates Street, Mechanic Falls.
Cooper, Christopher George,	*Smyrna Mills.*	14 P. H.

Cornelison, Mabel May,	*Houlton.*	207 College Street.
DeMeyer, John Everard,	*Eastbrook.*	H. H.
Doe, Harry Franklin,	*Livermore.*	9 P. H.
Donnell, Ardella Dill,	*Lewiston.*	79 Elm Street.
Downey, Daisy Vaughn,	*Lyndon Centre, Vt.*	115 Wood Street.
Doyle, Fred Smith,	*Caribou.*	18 P. H.
Durell, Charles Pendexter,	*Oxford.*	36 P. H.
Fenderson, Myrtle Mabel Olive,	*Auburn.*	22 Charles Street, Auburn.
Files, Bertha Celestia,	*Bangor.*	13 Skinner Street.
Getchell, Carl Folsom,	*Monmouth.*	38 P. H.
Goddard, Lucile Bruff,	*Woodfords.*	66 Howe Street.
Gould, May Evelyn,	*Skowhegan.*	195 Oak Street.
Hammond, Frank Merton,	*Lincoln.*	34 P. H.
Hayford, Jessamine Amanda,	*Mechanic Falls.*	2 Maple Street.
Hodnett, Mabel,	*Danforth.*	181 Oak Street.
Holman, Orin Merton,	*Otisfield Gore.*	36 P. H.
Holmes, Effie Mabelle,	*Lewiston.*	13 Skinner Street.
Junkins, Charles Edson,	*York Corner.*	12 P. H.

Lewis, Albion Bayard,	*Springfield.*	33 P. H.
Lewis, Theodore Arthur,	*S. Framingham, Mass.*	49 P. H.
Libbey, Harold Shaw,	*Lewiston.*	128 Sabattus Street.
Lincoln, Mary Alice,	*Meredith, N. H.*	218 College Street.
Mason, Forest Lionell,	*Mechanic Falls.*	42 P. H.
Maxim, Alton True,	*South Limington.*	40 S. H.
Milbury, George Douglas,	*Tracy Mills, N. B.*	4 R. W. H.
Millett, Charlotte A.,	*Gorham.*	111 Wood Street.
Mitchell, Marion Ethel,	*Bangor.*	13 Skinner Street.
North, Charles David,	*Turner.*	42 P. H.
Norton, Monira Louise,	*Auburn.*	34 Loring Avenue, Auburn.
Parsons, Fenton Eugene,	*Dixville, P. Q.*	49 P. H.
Parsons, William Lewis,	*New Portland.*	16 P. H.
Patten, John Gray,	*Bowdoinham.*	7 P. H.
Peabody, Grace May,	*Lewiston.*	125 Wood Street.
Perkins, Elizabeth Sarah,	*Alfred.*	262 College Street.
Peterson, John Emil,	*Marlboro, N. H.*	32 R. W. H.
Pettingill, Mary Reed,	*Danvers, Mass.*	247 College Street.

Ramsdell, Mary Jane,	*East Hebron.*	247 College Street.
Reed, Ada Maud,	*Sabattus.*	130 College Street.
Reed, John Stillman,	*Frye.*	31 P. H.
Rounsefell, Clifford George,	*Roxbury, Mass.*	24 P. H.
Russell, Maurice Wheeler,	*Augusta.*	40 Mountain Avenue.
Sampson, George Gordon,	*Farmington.*	31 S. H.
Small, Lillian Maude,	*N. Pownal.*	69 Spring Street, Auburn.
Spooner, Thomas,	*Auburn.*	2 Union Street.
Staples, Shirley Emery,	*Philadelphia, Penn.*	10 P. H.
Stetson, Lilla Augusta,	*Auburn.*	175 Whitney Street, Auburn.
Stetson, Mary Louise,	*Auburn.*	175 Whitney Street, Auburn.
Stockwell, Frank Clifford,	*S. Framingham, Mass.*	8 P. H.
Symonds, Sadie Brooks,	*Exeter, N. H.*	26 Mountain Avenue.
Thibodeau, May Cummings,	*Norway.*	247 College Street.
Thissell, Amy Dodge,	*Beverly, Mass.*	239 College Street.
Thurston, Maud Lillian,	*Bethel.*	262 College Street.
Turner, Ethel Augustus,	*Palermo Centre.*	14 P. H.
Tuttle, Chester Clinton,	*Buckfield.*	38 P. H.

Tuttle, Eugene,	*Haverhill, Mass.*	8 Vale Street.
Vance, Marion Eveline,	*Lewiston.*	108 Winter Street.
Walton, Mary Eleanor,	*S. Portland.*	247 College Street.
Williams, Leon Nathaniel,	*Bowdoinham.*	411 Main Street.
Williams, Meredith Gilbert,	*Nobscot, Mass.*	8 P. H.
Wilson, Edbert Carson,	*Portland.*	43 P. H.
Winslow, Ralph Golder,	*Lewiston.*	91 Horton Street.
Yeaton, Harold Wentworth,	*Rochester, N. H.*	13 P. H.

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FRESHMAN CLASS.

NAME.	RESIDENCE.	ROOM.
ALLAN, HAROLD AUBREY,	*Lewiston.*	98 Walnut Street.
ALLEN, EMMA ETTA,	*Windham Center.*	247 College Street.
AUSTIN, WINFIELD SCOTT,	*Newton, N. H.*	21 P. H.
BARKER, GUY BURNHAM,	*Bethel.*	121 College Street.
BARLOW, ISABEL,	*Lewiston.*	418 Main Street.
BARTLETT, MARY ELIZABETH,	*Woodfords.*	160 Wood Street.
BARTLETT, RALPH ATHERTON,	*Gardiner.*	65 Sabattus Street.
BLACKWOOD, MYRTLE MAY,	*Cumberland Mills.*	247 College Street.
BLAKE, FRANK HAROLD,	*Somersworth, N. H.*	Science Hall.
BLOUNT, HENRY GARDNER,	*Chatham, Mass.*	20 P. H.
BONNEY, LUTHER ISAAC,	*Turner Center.*	210 Summer Street, Auburn.
BRACKETT, ROY FROST,	*Limington.*	113 Wood Street.
BRADLEY, ROSS MORTIMER,	*Roxbury, Mass.*	26 P. H.
BRAGDON, BLANCHE ARLINE,	*Springvale.*	12 Webster Street.

Briery, Augusta Parks,	*Richmond Corner.*	411 Main Street.
Brooks, Charles Elwood,	*Yarmouthville.*	Montello Street.
Butler, Edna Beatrice,	*Springvale.*	12 Webster Street.
Carleton, Paul Whittier,	*Haverhill, Mass.*	8 Vale Street.
Channell, Helen Viette,	*Lewiston.*	79 Webster Street.
Cheney, Morton Mead,	*Concord, N. H.*	17 Frye Street.
Clifford, Edward Larrabee,	*Dexter.*	40 Mountain Avenue.
Collins, Irving Mahlon,	*South Danville, N. H.*	21 P. H.
Conner, Edwin Solon,	*Castine.*	37 P. H.
Cook, Arthur G.,	*Presque Isle.*	254 College Street.
Corson, Linwood Ernest,	*Skowhegan.*	83 Elm Street.
Coy, Lewis Harold,	*North Bradford.*	151 Nichols Street.
Cummings, Harold Neff,	*Auburn.*	24 High Street, Auburn.
Curtis, Pamelia Bertha,	*Lisbon Falls.*	173 Wood Street.
Davis, Clara Mae,	*Hancock, Mass.*	13 Skinner Street.
Davis, Irving Gilman,	*Empire.*	37 Cottage Street.
Day, Laura Brackett,	*Somersworth, N. H.*	262 College Street.
Dodge, William Lamb,	*Waterville.*	40 Mountain Avenue.

Dolloff, Annie Louise,	*New Sharon.*	247 College Street.
Dolloff, Charles Tolford,	*Farmingdale.*	151 Skinner Street.
Dunlap, James Albion,	*Bowdoinham.*	411 Main Street.
Dwinal, Zelma Merwyn,	*Mechanic Falls.*	20 Highland Avenue, Auburn.
Edwards, Harold Merton,	*Lewiston.*	94 College Street.
Farrar, Leo Woodbury,	*Paris.*	83 Elm Street.
Fisher, Walter Leslie,	*Lewiston.*	35 High Street.
Fogg, Ina Alexander,	*Gray.*	247 College Street.
Foster, Arthur,	*Weld.*	36 Science Hall.
Foster, Ethel May,	*Cumberland Mills.*	239 College Street.
French, Arthur Ford,	*Auburn.*	25 Parker Street, Auburn.
Fuller, Edna Mae,	*Livermore.*	13 Skinner Street.
Gauthier, Eugene Robert,	*Jefferson, N. H.*	349 College Street.
Giles, Mervin Shepard,	*Rochester, N. H.*	237 Oak Street.
Hale, Leona Josephine,	*Chebeague.*	60 Howe Street.
Hamblen, Florence Ella,	*Gorham.*	44 Cottage Street.
Harradon, Harry Durward,	*East Auburn.*	East Auburn.
Heminway, Robert Lynn,	*Lincoln, N. Y.*	230 Main Street.

Holman, Carl,	*South Carthage.*	45 P. H.
Jackson, Frank W.,	*Wiscasset.*	
Jackson, Leander,	*Morrill.*	37 Cottage Street.
James, Warren William,	*Jefferson, N. H.*	349 College Street.
Johnson, Albert Garfield,	*South Turner.*	44 P. H.
Jordan, Wayne Clark,	*Lewiston.*	24 Frye Street.
Kabatchnick, Goldie Irene,	*New Auburn.*	53 Mill Street.
Kelley, Ralph B.,	*Island Falls.*	37 P. H.
Kendall, Ralph Leander,	*Orrington.*	34 P. H.
Kenney, Charles Edmund,	*Foxcroft.*	83 Elm Street.
King, Ethel Florence,	*Lewiston.*	700 Main Street.
Knight, Edith May,	*Richmond.*	247 College Street.
Libbey, Alla Amantha,	*Lewiston.*	128 Sabattus Street.
Mahony, Daniel Joseph,	*Rochester, N. H.*	237 Oak Street.
Merrill, John Clifford,	*Anson.*	47 P. H.
Nichols, Herbert Leon,	*So. Framingham, Mass.*	50 P. H.
Nutter, Lena Belle,	*Lewiston.*	151 Nichols Street.
Osgood, Lillian May,	*Franklin, N. H.*	247 College Street.

Paine, Leon Gilman,	*Standish.*	15 P. H.
Palmer, George Washington,	*Somersworth, N. H.*	151 Nichols Street.
Park, Ethel May,	*Lyndon Center, Vt.*	173 Wood Street.
Pease, Jessie Maude,	*Anson.*	163 Pine Street.
Peavey, Simon Fillmore, Jr.,	*Wakefield, Mass.*	23 P. H.
Phillips, Charles Lewis,	*Lewiston.*	159 Pine Street.
Pingree, Thomas Coe,	*Lewiston.*	17 Wakefield Street.
Plummer, Frank Henry,	*Charlestown, Mass.*	108 Nichols Street.
Pratt, Grace Whitman,	*Lewiston.*	270 Bates Street.
Pulsifer, Florence Pearle,	*Auburn.*	1 Gamage Avenue, Auburn.
Purinton, Angie Emily,	*Bowdoinham.*	411 Main Street.
Rand, Alice Pray,	*Lewiston.*	28 Frye Street.
Rand, Everett Leroy,	*Lisbon Center.*	Lisbon Center.
Redden, William Rufus,	*Dorchester, Mass.*	26 P. H.
Reed, Allen Judkins,	*Frye.*	31 P. H.
Reed, Martha Sanders,	*Mexico.*	17 Frye Street.
Rich, Florence Estelle,	*Roxbury, Mass.*	28 Frye Street.
Richards, Annie Gilmore,	*North Yarmouth.*	247 College Street.

Robinson, Edna Jeanette,	*Otisfield.*	247 College Street.
Robinson, John Evans,	*Fall River, Mass.*	226 Oak Street.
Royal, Perley Wilson,	*Manchester, N. H.*	108 Nichols Street.
Salley, Ashmun Clark,	*Lewiston.*	14 Mountain Avenue.
Shaw, Dora Drake,	*Houlton.*	28 Frye Street.
Shaw, Mabel Vivian,	*Bethel.*	235 College Street.
Sheehan, Bessie May,	*North Gray.*	347 Main Street.
Smith, Franke Gertrude,	*Spencer, Mass.*	262 College Street.
Spear, Gladys Burgess,	*Lewiston.*	10 Mountain Avenue.
Spooner, Elizabeth Chandler,	*Auburn.*	2 Union Street, Auburn.
Stearns, Maude Antoinette,	*Auburn.*	22 Drummond Street, Auburn.
Stevens, Harold Wentworth,	*Saco.*	349 College Street.
Stevens, William Bertrand,	*Lewiston.*	34 Wood Street.
Steward, Charles Palmer,	*Phillips.*	28 P. H.
Symonds, Arthur George,	*Hopkinton, N. H.*	47 P. H.
Tenney, Miriam,	*Auburn.*	49 Elm Street, Auburn.
Thurston, Frank Hale,	*Smithton.*	28 P. H.
Thurston, Fred Lovejoy,	*Smithton.*	47 P. H.

VERRILL, ELMER RUSSELL,	*Wayne.*	Cor. Cook and Bolster Streets, Auburn.
WATKINS, LOUISA ALCOTT,	*South Casco.*	247 College Street.
WESTON, ANNIE R.,	*Bolster's Mills.*	
WIGGIN, HOWARD ALPHEUS,	*North Baldwin.*	96 Elm Street.
WOOD, WILLIAM,	*Sabattus.*	Sabattus.
WORMELL, LULA MAY NEWTON,	*Lubec.*	247 College Street.
WYMAN, ALICE ETTA,	*Auburn.*	108 Goff Street, Auburn.
YEATON, WINIFRED ELLEN,	*Berwick.*	13 Skinner Street.
YOUNG, ELVENA,	*Gonic, N. H.*	247 College Street.
YOUNG, MYRTLE,	*Gonic, N. H.*	247 College Street.

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SUMMARY.

Senior Class,	60
Junior Class,	71
Sophomore Class,	76
Freshman Class,	114
Total,	321

H. H.,	Hathorn Hall.	P. H.,	Parker Hall.
R. W. H.,	Roger Williams Hall.		
S. H.,	Science Hall.		

GRADUATES OF 1902.

Allen, Clara Frances
Ames, Florence Sophia
Babcock, Julia Emma
Bemis, Elwin Rynell
Blake, Harry Alfred
Blanchard, Lucian William
Bragg, Irving Orison
Chase, Bessie Dyer
Childs, Earle Alfred
Clason, Ernest Fairlie
Daicey, Elmer Eugene
Darling, Arthur Edwin
Day, Francena Bertha Rust
Dean, Ethel Mae
Deane, Lewis James
Densmore, Willis Andy
Dexter, Arthur Lewis
Donnocker, Charlie Fletcher
Drake, Mabel Edith
Drake, Willard Melvin
Elkins, Leon Whitney
Felker, Ivan Isaiah
Field, Bertha Sarah
Hamlin, John Frederick
Harrington, Virgil DeWitt
Holman, George Shaw
Hunnewell, John Arthur
Kimball, L. Florence
Lang, Ivan
Leggett, Lillian Gertrude
Lodge, James Alexander
Long, Flora Estella
Longwell, Samuel Earle
Lunt, Georgiana
McCleary, Alfred Elwood
McCollister, Philena
McLean, Ernest Llewellyn
Merrill, Annie Louisa
Merry, Bion Corydon
Moody, Frank Benjamin
Ohol, Augustine Deo
Park, Clarence Ernest
Pettengill, Ruth Eugenia
Purinton, Angie Lois
Richmond, Mabel Arnold
Russell, Ethel Almeda
Sawyer, Samuel Ellison
Shea, Katharine Lola
Sullivan, Walter Edward
Summerbell, Laura
Thompson, Grace Ellen
Truell, Hattie Pearl
Tryon, Arthur William
Tucker, Ellie Louise
Wall, Erastus Lewis
Watson, Bessie Vara
Watts, Susie Frances
Wheeler, Margaret Elizabeth

FACULTY OF COBB DIVINITY SCHOOL.

GEORGE COLBY CHASE, D.D., LL.D., President.

*Rev. JOHN FULLONTON, D.D.,
Professor Emeritus of Ecclesiastical History and Pastoral Theology.

Rev. JAMES ALBERT HOWE, D.D., Dean,
Professor of Systematic Theology and Homiletics.

Rev. ALFRED WILLIAMS ANTHONY, D.D., Sec'y,
Fullonton Professor of New Testament Exegesis and Criticism.

Rev. BENJAMIN FRANCIS HAYES, D.D.,
Professor of Apologetics and Pastoral Theology.

Rev. HERBERT RONELLE PURINTON, A.M.,
Professor in Hebrew and Ecclesiastical History.

Rev. ASHMUN T. SALLEY, D.D.,
Instructor in Church History.

GROSVENOR M. ROBINSON,
Instructor in Elocution.

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* Deceased.

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